Met.O.856c

METEOROLOGICAL OFFICE

Tables of temperature, relative humidity, precipitation and sunshine for the world

PART III

Europe and the Azores

UDC 551.582.2(4)

Preface to 1996 impression

Since the first edition of this work (Met.0.617 — *Tables of temperature, relative humidity and precipitation for the world*) was published in 1958, the demand for climatic tables of this kind has increased from many sections of the community. To meet this demand the present edition of the work has been completely revised. All values for the elements previously given have been recomputed from more recent data, and the tables have been extended to include sunshine values wherever possible. Metric units have been used throughout the work to conform with present practice, but a set of comprehensive conversion tables have been included as appendices for the benefit of those readers who prefer to use the original units. A large number of places have been added to those given previously but a few have necessarily been deleted.

It was stated in the preface to the second edition that tables in future volumes would be arranged in geographical zones, but this scheme has been abandoned because of the weight of opinion in favour of retaining national boundaries. Each volume is arranged by listing the countries and the places within each country in alphabetical order.

The volumes of the revised work are grouped in the following manner:

Part I North America, Hawaii, Bermuda and Greenland.

Part III Europe and the Azores.

Part IV Africa and the surrounding oceans.

Part II The West Indies, Central and South America, the Falkland Islands and Antarctica, **Part V** Asia, and **Part VI** Australasia and the Pacific (excluding Hawaii) have not been produced. However copies of the first edition for these areas are now available in A4 format. In the old series Antarctica is included in Part VI.

Thanks are due to the Meteorological Service of the Irish Republic and to the Cyprus Meteorological Office for manuscript data which were prepared specifically for publication in this volume.

Mr P.J.M. Geelan of the Permanent Committee on Geographical Names, 1 Kensington Gore, London SW7 2AR checked the spelling of all the place names used in this publication. Since this work was assembled there have been some important name changes in what was formerly the U.S.S.R. but it is not practicable to amend all these in what is essentially a stopgap publication.

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Explanatory notes

Period of years

The aim of this publication is to provide as much information as practicable within the standard climatological period 1931—60. Many of the tables are for this 30-year period but a large number are necessarily for a rather shorter period.

No attempt has been made to estimate missing data or to 'weight' the means to the standard period. Where tables are given for places for which data for the full 30-year period are not available, the averages are for as long a period as possible. In some cases the period has been extended beyond 1960 in order to obtain a reasonable number of years of record but in no case does the period extend back prior to 1931.

The overall period of years used in the preparation of each table is given in the table headings, but where unavoidable gaps occur in the observations, breaks of less than five years have not been specified. The actual number of years within the overall period for which data of each element could be used is shown at the foot of each column in the tables.

Sources of data

Recently published statistics of a country have been incorporated into this work if the period of years used was of a reasonable length and within the standard period 1931—60.

When means were not readily available the figures have been worked up from monthly, and in a few cases from daily, data published by the various countries.

Occasionally, where the above methods failed, tables or data have been requested from the Meteorological Service of the country concerned. Any information obtained in this way is acknowledged in the preface and listed in the bibliography as manuscript data supplied by the respective Meteorological Service.

The numbers which appear under 'Bibliography' at the top of the first column of each table refer to the references (sources of data) listed in the bibliography at the end of the volume. These references have been grouped under national headings to enable the reader to obtain a list of source books concerning the area in which he is interested without undue labour. This arrangement allows certain books to be referred to more than once, under different countries. Numbers are consecutive throughout.

Standard of time

The difference between the Local Mean Time (LMT) at any two places depends only on the difference in longitude between them. Since the earth makes one complete revolution in 24 hours, a difference of 15° in longitude corresponds to a time difference of 1 hour. In order to avoid the inconvenience which would arise if each place adopted its own LMT, the system of zone time was introduced and is now almost universally adopted. Under this system, national standards of time differ from one another by multiples of ½ hour or 1 hour, corresponding with 7½° or 15° of longitude.

Since the apparent motion of the sun is from east to west, the standard of time used in zones east of Greenwich is ahead of (i.e. a later time than) Greenwich Mean Time (GMT) and in zones west of Greenwich is behind (i.e. an earlier time than) GMT at the rate of 1 hour for every 15° of longitude.

All times given in the tables refer to the nearest standard meridian which is always in whole multiples of 7½° east or west of Greenwich. Thus, for a station in 71°W the time of 67½°W is used whereas for a station in 72°W the time of 75°W is used.

Position and height of stations

The positions (latitude and longitude) and heights of the stations (above or below mean sea level) are given at the top of each table. Some changes of site have occurred at a number of stations during the period of record used for the tables. However, in the case of the stations selected for inclusion in this work, the changes are not considered to be significant and are therefore not specified in the table headings, which give only the latest published position of each station.

Arrangement of tables and index

The tables have been arranged alphabetically within each country except in the case of very large countries where they have been arranged alphabetically within each state or province. Countries and states or provinces are arranged alphabetically as shown in the contents pages.

The index is arranged to facilitate reference. All cross references give the page number in order to avoid unnecessary searches. Where a place is known by more than one name an effort has been made to list all such names both in the index and in the table headings. However, alternative names which are not in current usage have been deliberately left out.

In the index, the names of countries, states or provinces are printed in capital letters and the names of places in ordinary type.

Temperature

The temperature values given in the tables are air temperatures taken in the shade, the thermometers being mounted, inside special screens, at between 1·2 and 2 metres above ground level.

Thermometer screens are designed to permit a free circulation of air around the thermometer bulbs and yet to afford shelter from precipitation, the direct rays of the sun, and heat radiated from the ground and neighbouring objects. The highest and lowest temperatures recorded during the 24 hours (between scheduled readings of the maximum and minimum thermometers) are known, respectively, as the daily maximum and daily minimum temperatures. The averages of these for each month and for the year as a whole are given in the tables. An approximation to the overall mean temperature for any month may be obtained by computing $\frac{1}{2}$ (mean daily maximum+mean daily minimum).

The extreme values in each month of the daily maximum and daily minimum temperatures are known as the monthly maximum and monthly minimum temperatures respectively; averages of these values are given in the tables, except that the entries for the year (marked with an asterisk) are averages of the highest and lowest temperatures recorded in each year, regardless of the month of occurrence.

The entries in the last two columns of temperature in the tables are the absolute extremes which have been recorded during the entire period of observational record, used in the table, for each place.

Relative humidity

The relative humidity is normally calculated at fixed hours of observation and, as a rule, it is impracticable to give maxima or minima, or values at the times of minimum and maximum temperature. For most stations, therefore, means at specified hours in the morning and afternoon have been given in the tables. Where a choice has been possible, the values given are for those hours which are nearest to the normal times of minimum and maximum daily temperature, i.e. about sunrise and in the early afternoon. Values for the morning hour of observation are mostly a little lower than the maximum relative humidity, the difference depending on the difference in time between the hour of observation and sunrise, and on which is the earlier. Values for the afternoon hour of observation are mostly a little higher than the lowest relative humidity, but for hours between 1200 and 1500 local apparent time the difference is generally small. Provided a suitable choice of hours has been possible, the values of mean daily maximum temperature and of the afternoon relative humidity are closely associated in time, and so are those for mean daily minimum temperature and the morning relative humidity. At a few places the local climate actually produces higher relative humidities in the afternoon than in the morning.

Precipitation

'Precipitation' includes any deposit of moisture from the atmosphere. Rain, snow and hail are by far the commonest forms of precipitation but other forms such as dew and hoar-frost do contribute to the amounts measured. The amounts of precipitation given in the tables indicate the amount of liquid deposit (rain, drizzle, dew) and the water equivalent of any solid deposit (snow, hail, hoar-frost, rime). The values are the depths to which a flat, level surface would be covered with water if there were no losses due to evaporation, run-off or drainage.

The terms '24 h' and 'days', in the table headings, refer to periods of 24 hours between scheduled readings of the rain-gauge and are not coincident with the civil day.

The entries in the column headed 'average No. of days with . . . mm' correspond to various definitions of a 'rain-day' or 'day with rain'. These definitions vary from country to country, but in each case the criterion on which the figures are based is stated at the head of the column.

Sunshine

Some of the values given for sunshine are subject to slight discrepancies because of the variety of recording instruments in use in different countries. Four main types of sunshine recorder are in use: (a) the Campbell–Stokes pattern, (b) the Marvin pattern, (c) the Jordan pattern and (d) the Foster pattern. Of these the Campbell–Stokes recorder has been adopted by the World Meteorological Organization as the 'interim reference sunshine recorder', and readings of all other instruments should be adjusted to agree with those of this standard recorder. Although most countries have compared their instruments (which have not been specified in this volume) with the Campbell–Stokes recorder, the results of these comparisons are not incorporated into this publication because the averages quoted have been derived from monthly or daily values published by the various Meteorological Services before comparisons were made.

In these tables, the 'average monthly duration' under 'Bright sunshine' refers to the average of the monthly totals recorded and the next column gives the percentage of this average recorded duration of the maximum possible average monthly total. The maximum possible average monthly total means the average maximum duration of sunshine which is theoretically possible with cloudless skies at the relevant latitude between sunrise and sunset (sunrise and sunset being defined as the instant at which the upper limb of the sun appears to be in contact with the horizon, the effects of elevation and topography being ignored). This possible monthly total cannot be recorded by the standard recorders in use today (except in high latitudes on occasions when the sun shines for 24 hours per day) because the sunshine is not strong enough to register on the recorder when the sun is less than about 3° above the horizon. The maximum duration of sunshine recorded on any day in each month irrespective of the year of occurrence is given in the tables as well as the average number of days in each month with no sunshine recorded.

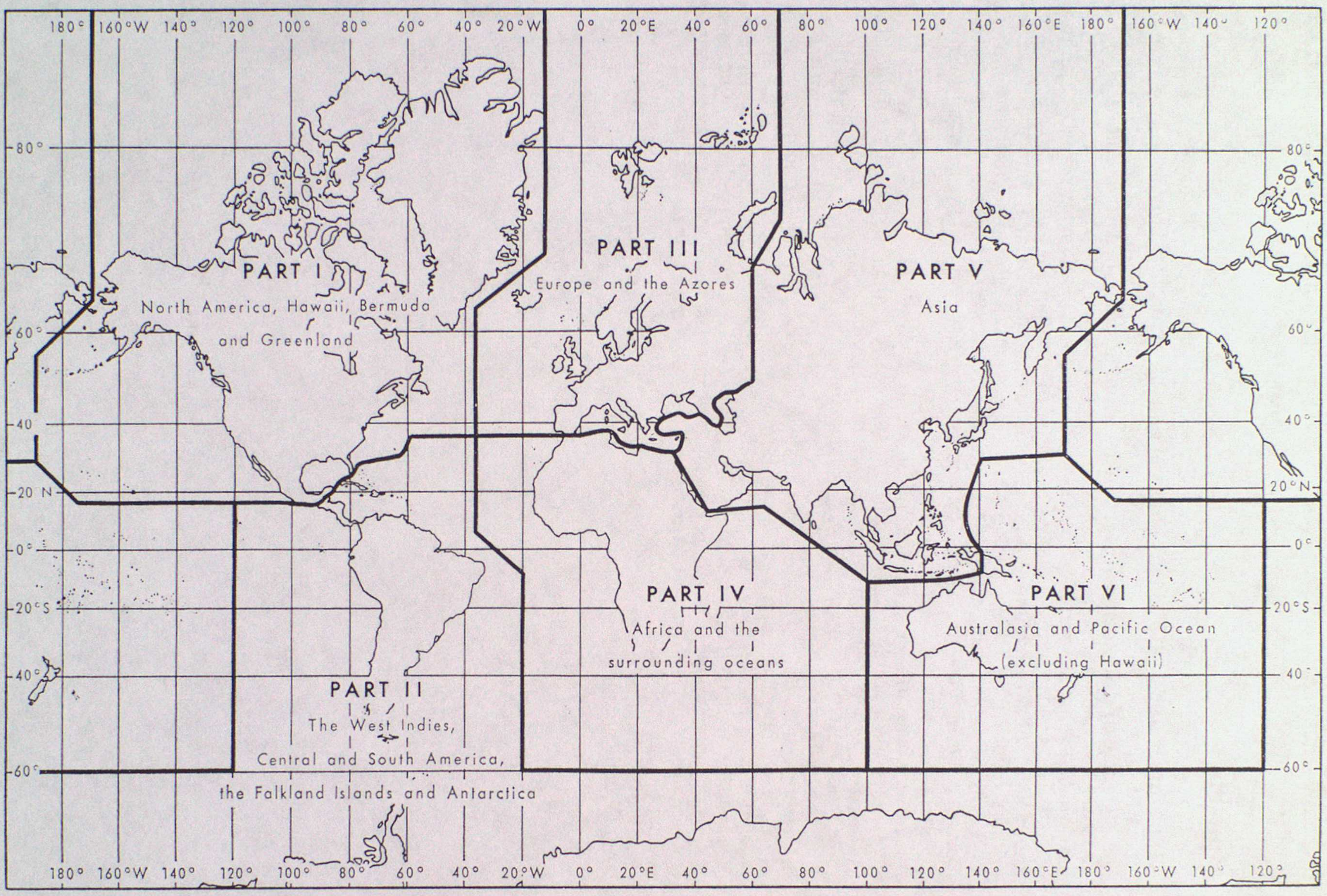

PART I
North America, Hawaii, Bermuda and Greenland
PART II
The West Indies, Central and South America, the Falkland Islands and Antarctica
PART III
Europe and the Azores
PART IV
Africa and the surrounding oceans
PART V
Asia
PART VI
Australasia and Pacific Ocean (excluding Hawaii)
180°
160°W
140°
120°
100°
80°
60°
40°
20°W
0°
20°E
40°
60°
80°
100°
120°
140°
160°E
180°
160°W
140°
120°
80°
60°
40
20°N
0°
20°S
40°
60°

Figure 1. Map of the world showing areas covered by each volume

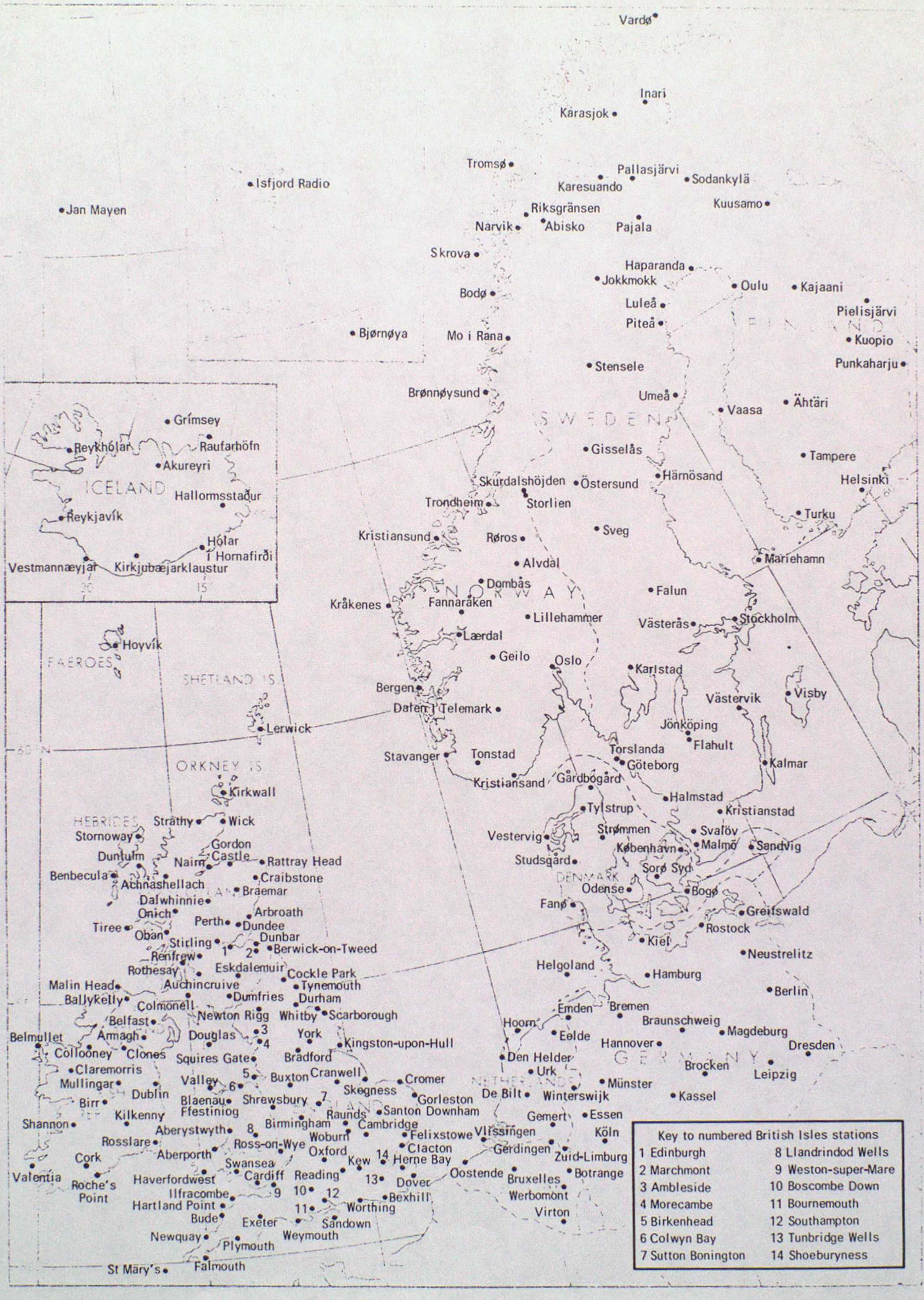

Vardø
Inari
Karasjok
Tromsø
Pallasjärvi
Sodankylä
Karesuando
Isfjord Radio
Jan Mayen
Riksgränsen
Kuusamo
Narvik
Abisko
Pajala
Skrova
Haparanda
Jokkmokk
Oulu
Kajaani
Bodø
Luleå
Pielisjärvi
Piteå
FINLAND
Bjørnøya
Mo i Rana
Kuopio
Stensele
Punkaharju
Brønnøysund
Umeå
Vaasa
Ähtäri
Grímsey
SWEDEN
Reykhólar
Raufarhöfn
Gisselås
Tampere
Akureyri
Hárnösand
Helsinki
ICELAND
Skurdalshöjden
Östersund
Hallormsstaður
Trondheim
Storlien
Reykjavík
Turku
Sveg
Kristiansund
Røros
Hólar í Hornafirði
Mariehamn
Vestmannaeyjar
Kirkjubæjarklaustur
20
15
Alvdal
Dombås
Falun
Kråkenes
Fannaråken
NORWAY
Lillehammer
Västerås
Stockholm
Lærdal
Hoyvík
Geilo
Oslo
FAEROES
Karlstad
SHETLAND IS
Visby
Bergen
Västervik
Dalen i Telemark
Lerwick
Jönköping
Flahult
60°N
Stavanger
Tonstad
Torslanda
Göteborg
Kalmar
ORKNEY IS
Kristiansand
Gårdbogård
Kirkwall
Halmstad
Tylstrup
Kristianstad
HEBRIDES
Strathy
Wick
Strømmen
Svalöv
Stornoway
Vestervig
Gordon Castle
København
Malmö
Sandvig
Duntulm
Nairn
Rattray Head
Studsgård
Benbecula
Craibstone
Sorø Syd
Achnashellach
Braemar
DENMARK
Odense
Bogø
Dalwhinnie
Fanø
Onich
Arbroath
Greifswald
Tiree
Perth
Dundee
Rostock
Oban
Dunbar
Kiel
Stirling
1
2
Berwick-on-Tweed
Renfrew
Neustrelitz
Rothesay
Eskdalemuir
Helgoland
Cockle Park
Hamburg
Malin Head
Auchincruive
Tynemouth
Berlin
Ballykelly
Dumfries
Durham
Colmonell
Emden
Bremen
Belfast
Newton Rigg
Whitby
Scarborough
Braunschweig
Armagh
3
Hoorn
Magdeburg
Belmullet
Douglas
York
Eelde
4
Kingston-upon-Hull
Hannover
Dresden
Collooney
Clones
Squires Gate
Bradford
Den Helder
GERMANY
Claremorris
Brocken
5
Cranwell
Urk
Leipzig
Mullingar
Valley
6
Buxton
Cromer
Münster
Dublin
Skegness
NETHERLANDS
Birr
Blaenau Ffestiniog
Shrewsbury
7
Gorleston
De Bilt
Winterswijk
Kassel
Kilkenny
Raunds
Santon Downham
Shannon
Birmingham
Gemert
Essen
Aberystwyth
8
Cambridge
Rosslare
Woburn
Felixstowe
Vlissingen
Köln
Ross-on-Wye
Oxford
Clacton
Gerdingen
Cork
Aberporth
Zuid-Limburg
14
Herne Bay
Kew
Swansea
Valentia
Cardiff
Reading
Oostende
Roche's Point
Haverfordwest
13
Dover
Bruxelles
Botrange
9
10
12
Ilfracombe
Bexhill
Werbomont
Hartland Point
11
Worthing
Virton
Bude
Exeter
Sandown
Newquay
Weymouth
Plymouth
St Mary's
Falmouth
Key to numbered British Isles stations
1 Edinburgh
2 Marchmont
3 Ambleside
4 Morecambe
5 Birkenhead
6 Colwyn Bay
7 Sutton Bonington
8 Llandrindod Wells
9 Weston-super-Mare
10 Boscombe Down
11 Bournemouth
12 Southampton
13 Tunbridge Wells
14 Shoeburyness

Figure 2. Places in north-west Europe for which tables are given

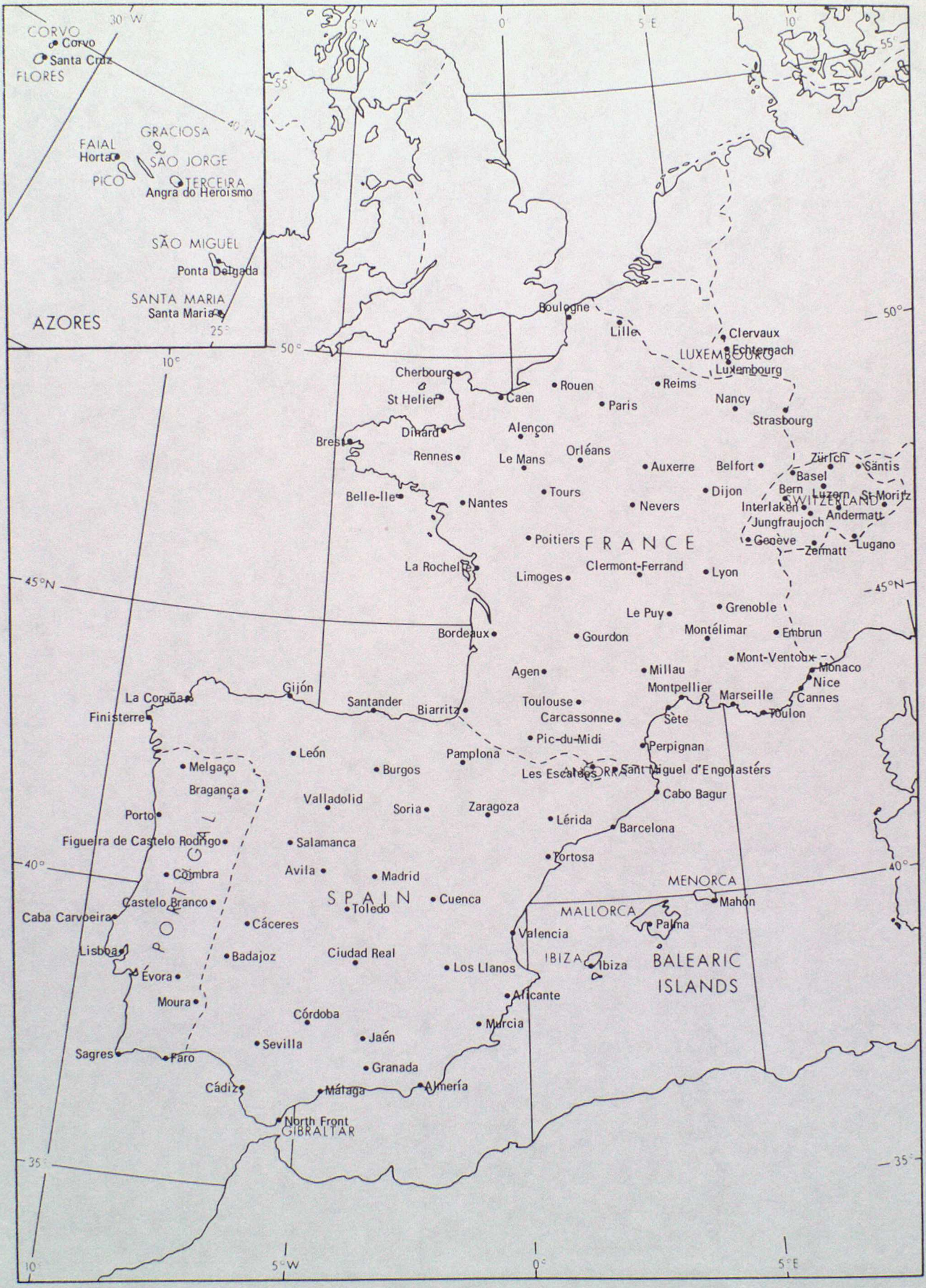
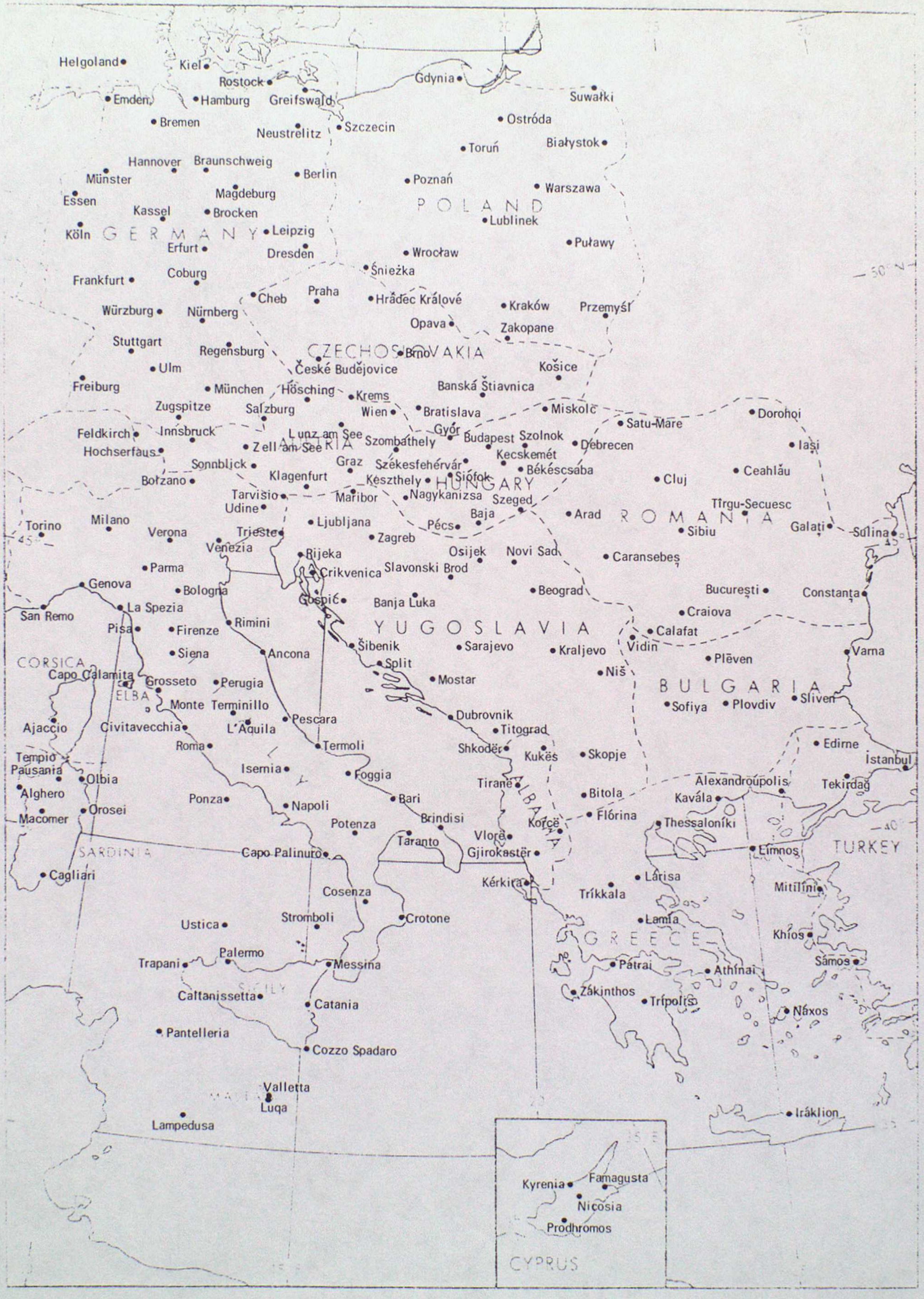

CORVO
Corvo
Santa Cruz
FLORES
30° W
40° N
GRACIOSA
FAIAL
Horta
SÃO JORGE
PICO
TERCEIRA
Angra do Heroismo
SÃO MIGUEL
Ponta Delgada
SANTA MARIA
Santa Maria
AZORES
25°
55°
5° W
0°
5° E
10°
55°
50°
Boulogne
Lille
Clervaux
Echternach
LUXEMBOURG
Luxembourg
50°
10°
Cherbourg
St Helier
Caen
Rouen
Reims
Paris
Nancy
Strasbourg
Dinard
Alençon
Brest
Rennes
Le Mans
Orléans
Auxerre
Belfort
Zürich
Säntis
Basel
Bern
Luzern
St Moritz
SWITZERLAND
Interlaken
Andermatt
Jungfraujoch
Genève
Zermatt
Lugano
Belle-Ile
Nantes
Tours
Nevers
Dijon
Poitiers
FRANCE
La Rochelle
Limoges
Clermont-Ferrand
Lyon
45°N
45°N
Le Puy
Grenoble
Bordeaux
Gourdon
Montélimar
Embrun
Mont-Ventoux
Agen
Millau
Monaco
Nice
Cannes
Montpellier
Marseille
Toulouse
Carcassonne
Sète
Toulon
La Coruña
Gijón
Santander
Biarritz
Finisterre
Pic-du-Midi
León
Pamplona
Perpignan
Melgaço
Burgos
Les Escaldes
ANDORRA
Sant Miguel d'Engolastérs
Bragança
Cabo Bagur
Valladolid
Porto
Soria
Zaragoza
Lérida
Barcelona
Figueira de Castelo Rodrigo
Salamanca
PORTUGAL
Tortosa
40°
40°
Coimbra
Avila
Madrid
MENORCA
Castelo Branco
SPAIN
Cuenca
Mahón
Toledo
MALLORCA
Caba Carvoeira
Cáceres
Palma
Valencia
Lisboa
Badajoz
Ciudad Real
IBIZA
Ibiza
BALEARIC ISLANDS
Los Llanos
Évora
Alicante
Moura
Córdoba
Murcia
Sevilla
Jaén
Sagres
Faro
Granada
Cádiz
Málaga
Almería
North Front
GIBRALTAR
35°
35°
10°
5°W
0°
5°E

Figure 3. Places in south-west Europe for which tables are given


Helgoland
Kiel
Rostock
Gdynia
Emden
Hamburg
Greifswald
Suwałki
Bremen
Neustrelitz
Szczecin
Ostróda
Toruń
Białystok
Hannover
Braunschweig
Münster
Berlin
Poznań
Warszawa
Essen
Magdeburg
Kassel
Brocken
POLAND
Lublinek
Köln
GERMANY
Leipzig
Erfurt
Dresden
Wrocław
Puławy
Śnieżka
Frankfurt
Coburg
Cheb
Praha
Hradec Králové
Würzburg
Nürnberg
Kraków
Przemyśl
Opava
Zakopane
Stuttgart
Regensburg
CZECHOSLOVAKIA
Brno
Ulm
České Budějovice
Košice
Freiburg
München
Hösching
Krems
Banská Štiavnica
Zugspitze
Salzburg
Wien
Bratislava
Miskolc
Dorohoi
Feldkirch
Innsbruck
Lunz am See
Győr
Satu-Mare
Hochserfaus
Zell am See
AUSTRIA
Szombathely
Budapest
Szolnok
Debrecen
Iaşi
Kecskemét
Sonnblick
Graz
Székesfehérvár
Békéscsaba
Bolzano
Klagenfurt
Keszthely
Siófok
HUNGARY
Cluj
Ceahlău
Tarvisio
Maribor
Nagykanizsa
Szeged
Udine
Tîrgu-Secuesc
Torino
Milano
Ljubljana
Baja
Arad
ROMANIA
Verona
Trieste
Pécs
Sibiu
Galaţi
Sulina
Venezia
Zagreb
Osijek
Novi Sad
Rijeka
Caransebeş
Parma
Crikvenica
Slavonski Brod
Genova
Bologna
Beograd
Bucureşti
Constanţa
Gospić
Banja Luka
San Remo
La Spezia
Craiova
Rimini
YUGOSLAVIA
Pisa
Firenze
Calafat
Šibenik
Sarajevo
Kraljevo
Vidin
Varna
CORSICA
Siena
Ancona
Split
Plēven
Capo Calamita
Niš
Grosseto
Perugia
Mostar
BULGARIA
ELBA
Monte Terminillo
Sofiya
Plovdiv
Sliven
Ajaccio
Civitavecchia
L'Aquila
Pescara
Dubrovnik
Titograd
Roma
Termoli
Shkodër
Kukës
Skopje
Edirne
Tempio Pausania
Isernia
Foggia
Istanbul
Olbia
Tiranë
Bitola
Alexandroupolis
Tekirdag
Alghero
Ponza
Napoli
Bari
Kavála
Orosei
ALBANIA
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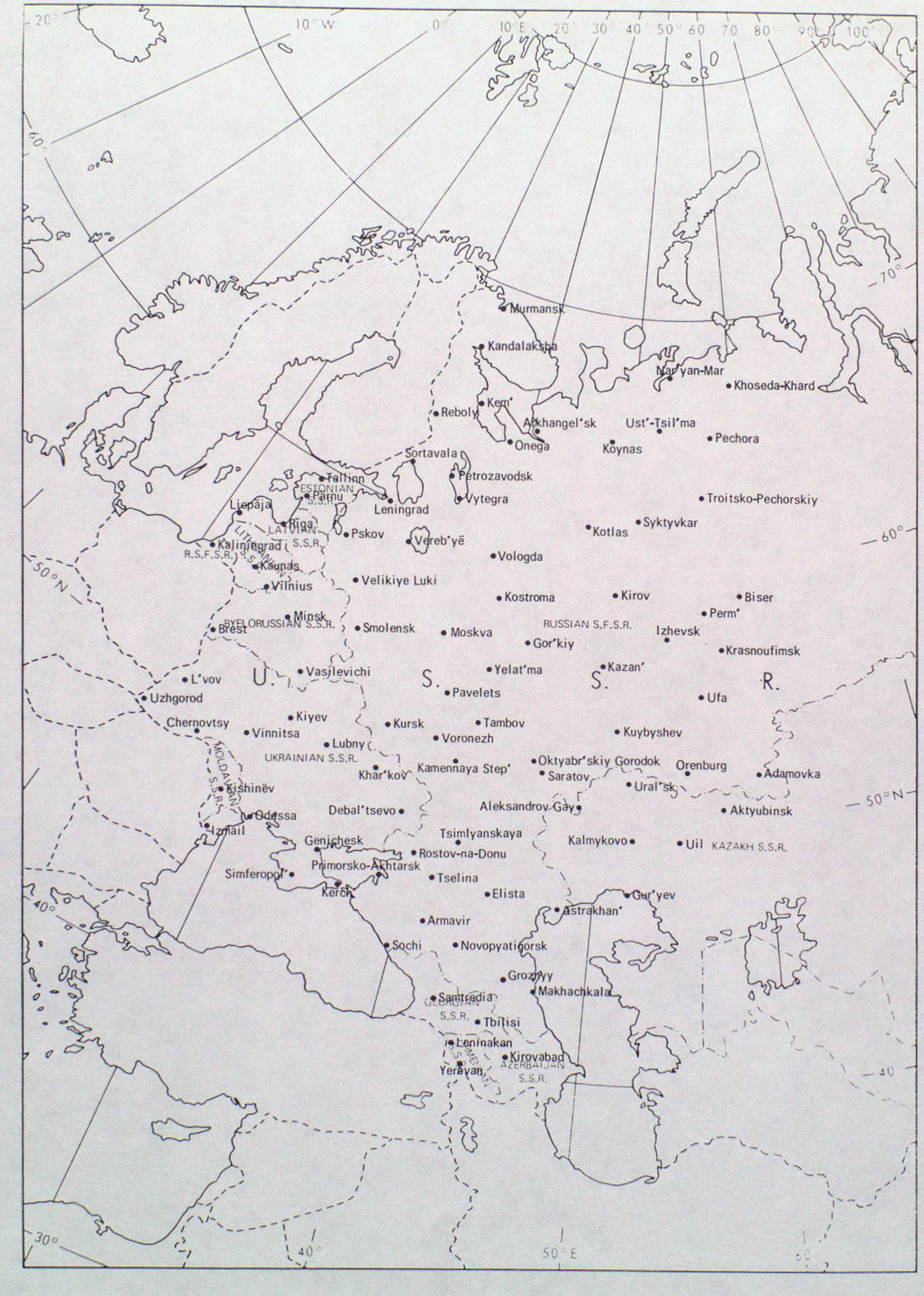
Macomer
Potenza
Brindisi
Korçë
Thessaloníki
SARDINIA
Taranto
Vlorë
Capo Palinuro
Gjirokastër
Límnos
TURKEY
Cagliari
Kérkira
Lárisa
Cosenza
Tríkkala
Mitilíni
Ustica
Stromboli
Crotone
Lamía
Khíos
GREECE
Palermo
Trapani
Messina
Pátrai
Sámos
Athínai
SICILY
Caltanissetta
Catania
Zákinthos
Trípolis
Náxos
Pantelleria
Cozzo Spadaro
Valletta
MALTA
Luqa
Iráklion
Lampedusa
Kyrenia
Famagusta
Nicosia
Prodhromos
CYPRUS
50° N
45°
40°
20
25
30
35°E

Figure 4. Places in central and south-east Europe for which tables are given


20°
10° W
0°
10°E
20°
30°
40°
50°
60
70
80°
90°
100°
60°
70°
60°
50° N
50° N
40°
40°
30°
40°
50° E
60
Murmansk
Kandalaksha
Nar'yan-Mar
Khoseda-Khard
Kem'
Reboly
Arkhangel'sk
Ust'-Tsil'ma
Pechora
Onega
Koynas
Sortavala
Petrozavodsk
Tallinn
ESTONIAN S.S.R.
Parnu
Leningrad
Vytegra
Troitsko-Pechorskiy
Liepaja
Riga
LATVIAN S.S.R.
Pskov
Vereb'yë
Kotlas
Syktyvkar
Kaliningrad
R.S.F.S.R.
LITHUANIAN S.S.R.
Kaunas
Vologda
Vilnius
Velikiye Luki
Kostroma
Kirov
Biser
Perm'
Minsk
BYELORUSSIAN S.S.R.
Brest
Smolensk
Moskva
RUSSIAN S.F.S.R.
Izhevsk
Gor'kiy
Krasnoufimsk
L'vov
Vasilevichi
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S.
S.
R.
Yelat'ma
Kazan'
Pavelets
Ufa
Uzhgorod
Kiyev
Chernovtsy
Vinnitsa
Kursk
Tambov
Voronezh
Kuybyshev
Lubny
UKRAINIAN S.S.R.
Khar'kov
Kamennaya Step'
Oktyabr'skiy Gorodok
Saratov
Orenburg
Adamovka
MOLDAVIAN S.S.R.
Kishinëv
Ural'sk
Odessa
Debal'tsevo
Aleksandrov Gay
Aktyubinsk
Izmail
Tsimlyanskaya
Kalmykovo
Uil
KAZAKH S.S.R.
Genichesk
Rostov-na-Donu
Primorsko-Akhtarsk
Simferopol'
Tselina
Kerch
Elista
Gur'yev
Astrakhan'
Armavir
Sochi
Novopyatigorsk
Groznyy
Makhachkala
Samtredia
GEORGIAN S.S.R.
Tbilisi
Leninakan
Kirovabad
ARMENIAN S.S.R.
AZERBAIJAN S.S.R.
Yerevan

Figure 5. Places in European Russia for which tables are given

ALBANIA

Gjirokastër 40° 05′N 20° 09′E 193 m

Period 1956–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	10·0	1·1	15·0	−4·5	17·7	−9·1	92	68	274	105	15	103	35	8·0	8
February	11·4	1·4	17·8	−4·1	20·5	−8·0	91	63	269	168	14	119	39	9·4	6
March	14·9	4·4	21·4	−1·1	25·7	−4·1	90	57	186	93	15	148	40	10·9	6
April	18·9	7·1	25·4	1·7	27·6	−1·8	88	53	136	62	14	194	48	12·0	2
May	23·7	10·4	30·2	4·5	33·3	0·7	86	51	69	35	12	258	59	12·9	1
June	28·6	13·5	34·4	8·8	39·0	5·8	79	43	45	53	7	310	67	13·3	0
July	32·1	15·3	36·9	11·0	41·0	8·7	72	34	19	21	4	358	78	13·3	0
August	33·2	15·0	38·7	10·5	42·2	8·3	74	31	24	37	3	337	79	12·8	0
September	28·1	12·3	33·7	7·3	37·6	4·4	85	41	69	79	7	244	65	11·0	1
October	22·0	8·4	28·7	2·1	32·2	−1·4	92	53	173	65	11	183	54	9·8	1
November	15·9	6·5	22·4	−1·2	24·5	−3·4	95	71	422	288	18	96	31	8·2	6
December	11·7	3·5	17·9	−3·8	21·5	−7·6	93	74	376	112	18	74	26	7·3	9
Year	20·9	8·2	39·1*	−5·7*	42·2	−9·1	86	53	2062	288	138	2424	52	13·3	40
No. of years	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

Korçë 40° 36′N 20° 46′E 899 m

Period 1956–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·4	−2·8	12·0	−11·5	17·4	−20·9	83	69	70	50	12	106	35	8·9	7
February	5·3	−2·7	12·7	−10·4	16·5	−17·3	81	65	81	41	11	128	42	12·7	4
March	9·2	0·6	17·7	−5·6	22·4	−10·5	80	59	56	26	12	150	40	11·6	4
April	14·3	4·5	20·8	−1·3	23·7	−10·5	74	50	60	24	12	196	49	12·7	1
May	19·0	8·4	26·3	2·6	29·5	0·1	75	51	79	51	14	229	51	13·6	1
June	23·5	11·7	29·9	6·7	34·0	2·6	71	46	43	19	10	275	61	14·1	0
July	27·0	13·7	32·1	9·8	37·0	7·4	64	36	25	29	5	340	74	13·9	0
August	27·8	14·0	34·3	9·4	36·5	7·4	62	33	24	45	4	326	76	13·2	0
September	23·7	10·7	29·6	4·8	32·4	2·2	75	42	41	63	7	246	66	11·9	1
October	16·7	6·5	24·3	1·1	27·4	−1·7	80	51	81	44	9	196	57	10·8	2
November	11·6	3·9	18·2	−2·6	22·0	−5·3	84	67	147	77	15	106	35	9·1	5
December	6·7	−0·2	13·9	−7·5	16·1	−13·3	84	73	99	38	14	85	29	8·5	8
Year	15·8	5·7	34·4*	−13·5*	37·0	−20·9	76	53	806	77	125	2383	51	14·1	33
No. of years	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

Kukës 42° 02′N 20° 24′E 354 m

Period 1956–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	3·8	−3·0	14·0	−11·4	17·1	−21·0	84	71	103	83	11	64	22	7·3	12
February	6·4	−2·5	15·6	−11·1	21·5	−17·9	82	62	96	49	11	90	30	8·7	8
March	11·0	1·2	20·3	−7·4	27·2	−13·0	81	55	104	44	13	125	34	10·3	7
April	17·3	6·1	24·8	0·4	28·9	−2·8	78	47	99	41	12	169	43	12·1	3
May	21·8	10·2	29·3	3·5	32·9	0·3	79	49	85	53	12	213	47	13·6	2
June	26·1	13·3	32·9	8·1	37·0	4·0	76	46	51	54	10	266	58	14·0	1
July	29·1	15·2	35·1	10·6	38·5	6·9	71	39	41	37	7	322	70	14·0	0
August	29·9	14·9	36·9	9·8	39·5	6·4	73	36	35	30	5	305	71	13·1	0
September	24·8	11·1	32·0	5·3	34·8	3·3	82	42	61	55	6	223	60	11·0	2
October	18·5	7·0	27·0	0·2	29·5	−2·0	84	52	86	55	8	155	45	9·4	4
November	12·9	4·9	20·5	−3·5	25·4	−6·8	86	66	138	76	15	70	24	7·8	9
December	7·2	0·2	16·9	−7·3	21·6	−10·9	83	72	133	58	13	53	19	7·4	13
Year	17·4	6·5	37·0*	−13·7*	39·5	−21·0	80	53	1032	83	123	2055	43	14·0	61
No. of years	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

*Average of highest/lowest each year

ALBANIA

Shkodër 42° 06′N 19° 32′E 43 m

Period 1956–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·6	1·6	14·1	−3·6	15·6	−8·1	77	64	245	130	12	122	41	9·1	9
February	9·5	1·4	15·9	−4·2	19·5	−12·4	77	60	208	113	12	123	41	10·4	6
March	13·6	5·0	19·8	−0·5	23·6	−4·2	76	56	216	189	14	169	45	12·3	6
April	18·3	9·1	24·5	3·4	26·8	0·1	75	54	209	120	12	203	50	12·8	3
May	22·9	12·9	28·7	6·9	31·9	4·1	73	54	130	131	11	247	55	13·8	1
June	27·3	16·8	33·0	12·1	35·8	10·0	66	47	63	58	7	301	66	14·3	0
July	30·5	18·9	35·9	14·7	39·8	11·4	61	41	34	40	5	354	77	14·4	0
August	31·3	19·0	36·9	14·8	39·4	11·4	59	38	53	69	5	334	78	13·4	0
September	26·7	15·7	32·3	10·8	36·4	8·7	68	46	115	133	6	264	70	12·4	1
October	21·0	10·9	26·5	6·2	29·3	4·3	77	54	199	102	10	204	59	11·2	2
November	15·2	8·2	20·4	1·6	23·2	−0·9	85	71	278	144	18	97	33	9·5	7
December	11·1	4·3	17·6	−1·9	21·7	−5·1	80	69	307	376	16	90	32	8·7	11
Year	19·7	10·3	37·2*	−5·6*	39·8	−12·4	73	55	2057	376	128	2508	54	14·4	46
No. of years	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

Tiranë (Tirana) 41° 20′N 19° 47′E 89 m

Period 1956–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	11·6	2·0	17·1	−4·7	18·5	−7·9	83	58	135	79	13	131	43	9·4	7
February	12·2	2·0	18·3	−4·6	21·9	−7·6	83	54	152	103	13	122	41	10·3	4
March	15·2	4·9	21·9	−1·1	25·6	−4·0	83	53	128	67	14	161	43	11·5	4
April	18·4	8·1	26·1	2·5	27·6	−0·7	83	54	117	62	13	202	50	12·5	2
May	23·1	11·8	29·7	6·4	32·6	2·5	83	56	122	91	12	250	55	13·3	1
June	27·6	15·5	33·5	10·8	37·3	5·6	74	49	86	101	7	298	66	13·7	0
July	30·6	17·2	35·7	13·3	38·4	10·7	72	42	32	43	5	354	77	13·7	0
August	31·4	16·9	37·3	12·6	40·3	10·3	75	39	32	46	4	335	78	13·1	0
September	27·4	14·2	32·1	9·1	35·0	5·4	82	45	60	38	6	269	72	12·2	1
October	22·8	10·2	28·7	4·5	30·5	1·4	85	49	105	91	9	208	61	10·9	1
November	17·4	8·2	23·1	0·7	25·3	−2·9	86	63	211	153	16	103	35	9·5	6
December	13·5	4·6	19·3	−2·7	22·4	−6·7	83	63	173	66	16	93	32	8·7	9
Year	20·9	9·6	37·5*	−6·1*	40·3	−7·9	81	52	1353	153	128	2526	54	13·7	35
No. of years	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

Vlorë 40° 28′N 19° 29′E 3 m

Period 1956–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	13·1	5·7	18·3	−1·3	22·0	−4·9	69	56	120	54	13	132	44	9·3	5
February	13·5	5·5	19·2	−0·8	24·4	−4·8	68	54	106	77	12	143	47	10·3	3
March	15·7	7·5	22·6	1·9	27·0	−3·1	72	57	92	47	14	173	47	12·0	3
April	19·1	10·4	26·1	5·6	28·7	0·4	70	55	79	78	11	226	57	12·7	1
May	23·1	13·8	30·6	8·8	35·7	6·0	71	56	54	60	9	274	61	13·8	1
June	27·1	17·3	32·8	13·5	36·0	10·8	67	51	28	32	6	317	70	14·2	0
July	29·6	19·0	34·1	15·5	39·0	13·2	65	48	9	17	3	369	81	14·0	0
August	30·4	19·0	36·0	15·7	38·6	13·9	65	46	26	42	3	344	81	13·2	0
September	27·1	16·2	31·9	12·5	33·5	9·6	70	50	32	25	5	279	75	12·2	1
October	23·1	14·0	28·6	8·6	31·8	5·5	70	54	116	120	10	211	61	11·3	1
November	18·9	11·4	25·1	4·7	27·7	1·2	72	62	192	121	17	117	39	9·5	5
December	15·0	8·0	21·4	1·3	24·5	−4·0	69	60	141	67	17	100	35	8·7	5
Year	21·3	12·3	36·5*	−2·9*	39·0	−4·9	69	54	995	121	120	2685	58	14·2	25
No. of years	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

*Average of highest/lowest each year

ANDORRA

Les Escaldes (Las Escaldas) 42° 30′N 1° 31′E 1080 m

Period 1935–51 Bibliography 2	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·9	−1·3	12·4	−7·8	15·0	−13·0	—	—	34	25	4	—	—	—	—
February	7·3	−1·1	14·1	−8·9	17·0	−18·0	—	—	37	19	6	—	—	—	—
March	12·3	1·7	18·3	−4·4	20·0	−9·0	—	—	46	37	6	—	—	—	—
April	14·2	3·8	20·8	−0·2	25·0	−4·0	—	—	63	35	10	—	—	—	—
May	16·9	5·9	24·4	1·6	29·0	0·0	—	—	105	41	15	—	—	—	—
June	23·0	9·7	29·8	4·3	36·0	2·0	—	—	69	97	9	—	—	—	—
July	26·1	12·4	31·4	7·5	35·0	5·0	—	—	65	31	8	—	—	—	—
August	24·2	11·8	31·1	7·5	33·0	4·0	—	—	98	61	10	—	—	—	—
September	21·8	9·6	27·3	5·4	31·0	2·0	—	—	81	56	9	—	—	—	—
October	15·8	5·7	23·3	−0·1	27·0	−5·0	—	—	73	77	8	—	—	—	—
November	10·3	1·8	16·9	−3·4	20·0	−5·0	—	—	68	75	6	—	—	—	—
December	5·8	−0·8	11·7	−7·6	13·0	−11·0	—	—	69	55	7	—	—	—	—
Year	15·3	4·9	32·3*	−9·9*	36·0	−18·0	—	—	808	97	98	—	—	—	—
No. of years	9	9	9	9	9	9	—	—	9	9	9	—	—	—	—

Sant Miguel d'Engolastérs 42° 30′N 2° 22′E 1611 m

Period 1941–51 Bibliography 2	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·1	−3·5	12·3	−9·7	17·0	−16·0	—	—	33	17	3	—	—	—	—
February	4·9	−3·9	12·1	−11·0	17·0	−14·0	—	—	45	23	5	—	—	—	—
March	8·1	−1·0	14·9	−7·4	19·0	−12·0	—	—	45	39	6	—	—	—	—
April	11·1	0·7	18·7	−4·0	24·0	−8·0	—	—	72	41	11	—	—	—	—
May	13·8	2·5	20·9	−2·7	25·0	−4·0	—	—	97	46	14	—	—	—	—
June	19·4	8·9	25·9	2·4	30·0	0·0	—	—	78	69	10	—	—	—	—
July	21·9	10·2	28·4	5·0	33·0	1·0	—	—	60	32	7	—	—	—	—
August	20·6	9·8	28·7	5·6	34·0	4·0	—	—	101	59	10	—	—	—	—
September	17·8	7·8	23·7	2·3	28·0	−2·0	—	—	90	68	9	—	—	—	—
October	12·8	4·0	19·1	−1·4	24·0	−7·0	—	—	80	69	9	—	—	—	—
November	8·4	0·6	15·4	−5·4	21·0	−10·0	—	—	55	69	5	—	—	—	—
December	3·5	−2·4	9·3	−8·5	15·0	−12·0	—	—	49	27	6	—	—	—	—
Year	12·3	2·8	30·6*	−12·7*	34·0	−16·0	—	—	805	69	95	—	—	—	—
No. of years	8	8	8	8	8	8	—	—	8	8	8	—	—	—	—

*Average of highest/lowest each year

AUSTRIA

Feldkirch 47° 15′N 9° 35′E 537 m

Period 1931–60 Bibliography 3	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·2	−4·4	11·8	−13·7	19·9	−22·4	86	73	73	43	14	65	23	—	—
February	4·1	−3·7	13·6	−12·1	22·0	−23·8	87	67	69	39	13	86	30	—	—
March	10·2	0·2	20·2	−6·9	24·4	−15·1	84	55	61	37	12	152	41	—	—
April	14·5	3·9	24·0	−2·1	28·5	−5·4	84	53	69	33	14	170	42	—	—
May	18·6	7·6	27·0	1·4	31·6	−3·2	84	57	106	78	16	197	42	—	—
June	21·5	11·0	29·2	5·7	36·3	2·2	84	59	138	73	18	194	41	—	—
July	23·1	12·8	31·3	7·9	35·5	5·2	85	60	160	61	17	210	44	—	—
August	22·5	12·5	30·4	7·2	35·1	2·6	88	61	150	65	16	201	45	—	—
September	19·4	9·8	27·0	3·6	31·2	−0·2	90	63	105	47	13	171	45	—	—
October	13·7	5·1	22·3	−1·5	27·0	−5·4	91	67	76	44	13	131	39	—	—
November	7·7	0·8	17·7	−5·7	23·2	−16·2	89	71	72	79	13	75	27	—	—
December	2·9	−3·1	13·7	−11·3	19·0	−26·0	87	75	56	43	12	57	21	—	—
Year	13·4	4·4	32·1*	−16·5*	36·3	−26·0	87	63	1135	79	171	1709	38	—	—
No. of years	27	27	22	29	22	29	20	20	29	29	29	25	25	—	—

Graz 47° 04′N 15° 28′E 377 m

Period 1931–60 Bibliography 3	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·8	−5·0	8·6	−12·8	13·6	−23·0	85	71	27	29	9	75	27	—	—
February	3·8	−4·0	11·9	−11·9	18·5	−20·0	85	63	34	41	9	107	37	—	—
March	9·0	0·1	18·7	−7·1	23·7	−14·8	83	53	36	21	9	151	41	—	—
April	14·8	4·8	23·1	−1·3	27·5	−4·2	80	49	53	40	11	178	44	—	—
May	19·3	9·2	26·9	2·8	32·5	−1·4	80	53	95	55	15	209	45	—	—
June	22·9	12·5	29·2	7·3	36·0	3·2	80	54	119	90	15	233	49	—	—
July	24·8	14·2	31·0	9·3	37·1	4·9	81	53	127	105	15	257	53	—	—
August	24·1	13·6	30·6	8·4	34·3	4·1	85	54	102	57	13	241	55	—	—
September	20·3	10·5	27·6	4·2	32·9	−0·3	89	57	80	70	11	188	50	—	—
October	14·2	5·6	21·3	−0·8	27·0	−7·2	91	64	79	56	12	133	39	—	—
November	7·1	1·4	14·0	−4·6	20·0	−11·2	90	72	53	44	12	70	25	—	—
December	2·4	−2·4	10·0	−9·8	15·0	−19·0	88	76	44	28	11	61	23	—	—
Year	13·6	5·0	31·7*	−15·7*	37·1	−23·0	85	60	849	105	142	1903	43	—	—
No. of years	29	29	22	29	22	29	22	22	29	29	29	30	30	—	—

Hochserfaus 47° 02′N 10° 36′E 1817 m

Period 1933–60 Bibliography 3	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−1·0	−9·1	8·0	−17·6	11·7	−23·2	74	59	73	82	15	102	37	—	—
February	0·0	−8·4	9·3	−16·9	15·0	−29·5	75	57	75	62	14	119	41	—	—
March	2·2	−5·6	9·8	−13·4	14·4	−20·6	76	54	61	30	13	160	43	—	—
April	5·6	−2·4	12·6	−9·6	17·4	−14·0	78	53	56	37	14	167	41	—	—
May	9·9	1·5	17·2	−5·0	21·8	−11·3	81	55	74	34	16	175	37	—	—
June	13·5	4·9	20·9	−0·7	25·2	−4·6	83	58	106	42	18	182	38	—	—
July	15·6	6·7	23·2	1·5	27·3	−1·3	83	58	129	43	19	202	42	—	—
August	15·4	6·7	22·5	1·3	26·1	−2·0	85	59	119	61	19	188	43	—	—
September	13·3	4·6	20·2	−1·5	23·2	−5·2	84	58	93	53	14	174	46	—	—
October	8·6	0·5	16·2	−7·0	19·8	−12·7	81	59	61	35	12	155	46	—	—
November	3·7	−3·9	11·3	−11·0	17·4	−17·6	77	61	63	61	12	111	39	—	—
December	0·2	−7·1	8·5	−15·5	13·8	−23·8	75	62	62	53	14	96	36	—	—
Year	7·3	−1·0	23·9*	−20·0*	27·3	−29·5	79	58	972	82	180	1831	41	—	—
No. of years	23	23	28	28	28	28	23	23	28	28	28	28	28	—	—

*Average of highest/lowest each year

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Hörsching 48° 14′N 14° 11′E 301 m

Period 1943–60 Bibliography 3	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						per cent		millimetres			hours		hours	
January	0·7	−4·7	8·2	−15·3	15·3	−22·6	89	81	46	28	16	—	—	—	—
February	2·2	−4·8	10·6	−13·7	16·7	−26·0	89	75	45	39	14	—	—	—	—
March	8·9	−0·3	18·7	−8·8	22·3	−18·7	87	61	46	32	12	—	—	—	—
April	14·7	4·2	23·6	−1·8	27·0	−4·7	85	53	55	61	13	—	—	—	—
May	19·6	8·4	27·7	1·3	31·6	−2·1	83	53	70	39	13	—	—	—	—
June	22·5	11·8	29·6	5·9	35·3	1·8	84	56	101	48	16	—	—	—	—
July	24·2	13·6	32·2	8·5	37·3	5·3	86	57	127	50	17	—	—	—	—
August	23·6	12·9	31·3	7·5	38·0	5·6	89	57	88	79	15	—	—	—	—
September	20·3	9·7	27·9	2·5	32·6	−0·5	91	59	57	34	11	—	—	—	—
October	13·5	4·7	21·3	−2·0	24·7	−5·3	92	67	35	33	10	—	—	—	—
November	6·4	1·3	14·1	−5·1	17·4	−10.9	91	79	50	38	13	—	—	—	—
December	2·6	−1·1	10·2	−8·7	15·6	−13·6	92	84	53	32	15	—	—	—	—
Year	13·3	4·6	33·1*	−17·9*	38·0	−26·0	88	65	773	79	165	—	—	—	—
No. of years	14	14	16	16	16	16	14	14	16	16	16	—	—	—	—

Innsbruck 47° 16′N 11° 24′E 582 m

Period 1931–60 Bibliography 3	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						per cent		millimetres			hours		hours	
January	1·1	−6·5	9·7	−16·1	18·5	−26·6	86	67	54	58	13	72	26	—	—
February	4·2	−4·5	12·6	−13·3	17·5	−26·9	85	58	49	34	13	105	36	—	—
March	10·7	−0·1	19·7	−7·1	24·8	−16·9	83	46	41	39	11	159	43	—	—
April	15·5	3·9	23·7	−1·7	28·6	−4·9	82	43	52	39	14	163	40	—	—
May	20·2	7·9	28·4	1·7	32·6	−2·0	81	43	73	61	15	187	40	—	—
June	23·5	11·1	31·3	5·9	35·9	0·6	84	48	110	54	19	190	40	—	—
July	24·8	12·8	32·7	8·0	36·9	4·2	86	52	134	65	19	210	44	—	—
August	24·0	12·4	31·4	7·3	34·5	3·3	88	52	108	53	17	198	45	—	—
September	20·8	9·6	28·0	3·3	30·7	−0·8	90	53	81	52	14	180	47	—	—
October	14·7	4·5	22·4	−1·8	24·5	−4·7	90	55	67	49	12	146	43	—	—
November	7·5	0·1	16·1	−6·1	23·0	−15·2	88	65	53	39	12	88	31	—	—
December	2·3	−4·2	11·4	−12·7	17·9	−24·8	87	70	46	44	13	67	25	—	—
Year	14·1	3·9	33·3*	−17·8*	36·9	−26·9	86	54	868	65	172	1765	39	—	—
No. of years	30	30	23	30	23	30	23	23	30	30	30	30	30	—	—

Klagenfurt 46° 39′N 14° 20′E 448 m

Period 1931–60 Bibliography 3	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−1·2	−8·6	6·5	−17·1	11·7	−27·0	92	77	41	45	9	75	27	—	—
February	3·1	−6·7	10·8	−15·6	16·0†	−26·2	91	65	45	53	8	113	39	—	—
March	9·4	−2·0	18·4	−8·5	22·1	−18·7	90	52	39	62	8	162	44	—	—
April	15·0	2·9	22·2	−2·8	27·8	−7·1	89	49	71	45	11	188	46	—	—
May	19·5	7·4	26·6	0·7	30·8	−4·6	88	53	88	50	14	208	45	—	—
June	23·1	10·9	29·4	5·6	34·7	1·6	87	53	125	63	15	228	49	—	—
July	25·1	12·9	31·2	7·9	37·4	4·0	89	54	125	68	14	259	54	—	—
August	24·2	12·4	30·4	7·2	34·3	3·1	93	56	104	57	13	243	55	—	—
September	20·4	9·6	27·6	3·0	32·4	−0·9	95	59	83	52	10	181	48	—	—
October	13·5	4·5	20·8	−2·0	23·6	−8·0	96	67	89	91	13	116	34	—	—
November	5·8	0·2	12·9	−6·1	17·5	−11·7	95	77	75	58	12	55	19	—	—
December	0·6	−4·4	7·8	−12·7	15·0	−23·0	94	83	52	53	10	42	15	—	—
Year	13·2	3·3	31·7*	−19·7*	37·4	−27·0	92	62	937	91	137	1870	42	—	—
No. of years	30	30	24	30	24	30	23	23	29	29	29	29	29	—	—

*Average of highest/lowest each year

†Estima

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Krems an der Donau 48° 25′N 15° 36′E 227 m

Period 1931–60 Bibliography 3	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·6	−3·6	9·4	−11·7	17·8	−20·0	83	74	19	17	10	—	—	—	—
February	3·8	−2·8	12·6	−10·8	19·8	−23·2	82	69	22	19	10	—	—	—	—
March	9·0	0·5	18·9	−6·4	24·5	−11·4	81	60	22	28	9	—	—	—	—
April	15·3	4·8	24·7	−1·0	28·9	−4·3	77	49	28	40	10	—	—	—	—
May	20·2	9·5	27·8	2·5	31·7	−1·0	78	52	63	55	12	—	—	—	—
June	23·1	13·0	29·9	7·6	36·7	4·1	77	54	75	58	14	—	—	—	—
July	25·1	14·8	32·7	10·1	38·0	6·8	78	54	86	73	13	—	—	—	—
August	24·1	13·8	31·3	9·2	37·0	6·4	83	55	75	63	12	—	—	—	—
September	20·6	10·6	28·3	4·5	32·9	1·0	84	56	44	44	10	—	—	—	—
October	13·7	5·6	21·5	−0·3	26·8	−5·2	87	64	34	30	11	—	—	—	—
November	7·2	2·2	14·9	−3·5	20·0	−9·2	87	76	33	70	12	—	—	—	—
December	3·4	−1·1	11·5	−8·2	16·6	−16·4	86	80	27	24	12	—	—	—	—
Year	13·9	5·6	33·5*	−13·8*	38·0	−23·2	82	62	528	73	135	—	—	—	—
No. of years	23	23	21	28	21	28	16	16	28	28	28	—	—	—	—

Lunz am See 47° 51′N 15° 04′E 615 m

Period 1931–60 Bibliography 3	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·3	−8·6	8·4	−21·9	13·8	−32·6	87	74	110	95	18	33	12	—	—
February	3·5	−7·3	12·5	−19·8	18·4	−27·5	87	63	113	84	16	57	20	—	—
March	8·5	−3·4	18·6	−13·3	23·7	−24·3	89	55	105	72	15	117	32	—	—
April	13·0	1·3	23·1	−4·9	27·0	−12·4	89	53	121	69	16	128	31	—	—
May	17·9	5·4	27·1	−1·0	31·5	−5·0	88	53	155	92	17	154	33	—	—
June	21·1	8·9	29·2	3·3	32·4	0·0	89	57	190	88	19	155	33	—	—
July	23·0	10·7	31·9	6·2	37·1	3·0	90	57	219	106	18	168	35	—	—
August	22·9	10·1	31·8	5·4	35·0	2·1	92	56	192	101	17	171	39	—	—
September	20·1	7·3	28·6	1·5	33·0	−2·2	92	56	121	74	14	151	40	—	—
October	14·1	2·7	24·0	−3·1	27·3	−8·3	92	61	126	75	14	98	30	—	—
November	6·8	−1·1	16·3	−8·0	21·0	−14·0	90	74	102	56	15	35	12	—	—
December	1·8	−5·3	11·6	−15·4	18·5	−33·2	89	79	105	75	15	24	9	—	—
Year	12·7	1·7	33·1*	−24·9*	37·1	−33·2	89	61	1659	106	194	1291	29	—	—
No. of years	30	30	23	30	23	30	23	23	30	30	30	30	30	—	—

Salzburg 47° 48′N 13° 00′E 435 m

Period 1931–60 Bibliography 3	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·6	−5·6	10·0	−16·1	15·2	−30·4	85	75	76	77	16	71	25	—	—
February	3·7	−4·9	12·1	−15·9	19·4	−30·6	86	69	64	55	14	86	30	—	—
March	9·3	−0·9	18·7	−9·2	23·2	−18·1	85	61	71	49	13	137	37	—	—
April	13·8	3·5	23·6	−3·2	27·7	−9·2	84	58	91	64	16	159	39	—	—
May	18·5	7·5	27·4	1·1	31·2	−3·4	84	59	130	104	17	205	44	—	—
June	21·9	11·1	29·5	5·4	34·2	0·2	84	59	167	103	18	198	42	—	—
July	23·5	13·0	31·7	8·5	36·2	5·2	84	60	195	135	18	209	43	—	—
August	23·1	12·6	31·3	7·3	36·3	2·0	87	61	166	120	17	207	47	—	—
September	20·0	9·5	28·0	3·0	32·6	−3·0	90	63	109	62	14	176	47	—	—
October	14·1	4·6	22·4	−2·5	25·3	−8·3	91	68	82	50	13	137	40	—	—
November	7·6	0·3	16·1	−6·5	21·5	−16·7	89	75	71	56	14	69	24	—	—
December	2·7	−3·6	11·2	−13·3	16·3	−27·7	88	79	64	47	14	58	22	—	—
Year	13·3	3·9	32·6*	−19·5*	36·3	−30·6	86	66	1286	135	184	1712	38	—	—
No. of years	26	26	22	29	22	29	19	19	29	29	29	14	14	—	—

*Average of highest/lowest each year

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Sonnblick 47° 03′N 12° 57′E 3107 m

Period 1931–60 Bibliography 3	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−10·8	−15·7	−3·2	−25·6	1·0	−31·3	77	77	106	76	17	109	39	—	—
February	−10·6	−15·6	−2·6	−25·2	3·4	−36·6	75	76	99	65	15	116	40	—	—
March	−8·8	−13·5	−1·9	−22·5	1·7	−30·2	79	81	107	63	16	147	40	—	—
April	−5·6	−10·5	0·1	−19·0	5·0	−24·9	82	86	146	52	19	139	34	—	—
May	−1·6	−6·0	4·0	−13·5	9·4	−20·0	87	90	131	108	19	147	31	—	—
June	1·5	−2·8	7·2	−8·7	12·0	−12·6	89	92	121	51	20	150	32	—	—
July	3·9	−0·7	10·3	−6·8	14·2	−10·0	87	92	132	34	20	167	35	—	—
August	3·7	−0·7	9·5	−6·7	12·0	−10·0	86	92	116	49	19	165	37	—	—
September	1·6	−2·5	7·4	−10·1	9·9	−16·0	81	88	92	37	15	161	43	—	—
October	−2·3	−6·5	4·5	−15·0	8·6	−20·3	77	82	114	57	15	147	43	—	—
November	−6·2	−10·5	0·3	−18·7	4·8	−25·6	79	80	105	49	15	112	40	—	—
December	−9·2	−13·6	−2·1	−22·9	1·4	−30·4	77	78	104	62	15	108	41	—	—
Year	−3·7	−8·2	11·0*	−28·4*	14·2	−36·6	81	85	1373	108	205	1668	37	—	—
No. of years	30	30	23	30	23	30	23	23	30	30	30	30	30	—	—

Wien (Vienna) 48° 15′N 16° 22′E 203 m

Period 1931–60 Bibliography 3	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·9	−3·8	8·9	−11·5	13·2	−21·9	81	72	39	21	15	57	21	8·6	14
February	3·2	−2·5	11·5	−9·9	18·5	−22·6	80	66	44	44	14	84	29	10·0	9
March	8·4	0·9	17·5	−5·6	24·0	−11·2	78	57	44	41	13	138	37	11·9	6
April	14·5	5·7	23·1	0·1	27·3	−3·2	72	49	45	38	13	184	45	13·3	3
May	19·2	10·0	26·8	3·5	32·6	−0·3	74	52	70	93	13	235	50	14·9	2
June	22·6	13·5	28·9	8·6	36·1	4·1	74	55	67	66	14	249	52	15·2	1
July	24·6	15·3	31·4	11·3	38·3	8·8	74	54	84	67	13	266	55	15·1	1
August	23·8	14·7	30·4	10·4	34·2	8·0	78	54	72	76	13	250	56	14·0	1
September	20·1	11·4	27·2	5·8	31·6	−0·1	83	56	42	85	10	199	53	12·3	3
October	13·5	6·5	21·4	0·4	27·8	−3·1	86	64	56	54	13	129	38	11·0	6
November	7·0	2·6	14·3	−3·0	19·6	−8·8	84	74	52	45	14	55	20	9·0	14
December	2·8	−1·0	11·3	−8·4	16·5	−15·3	84	76	45	50	15	45	17	8·3	16
Year	13·4	6·1	32·2*	−13·6*	38·3	−22·6	79	61	660	93	160	1891	42	15·2	76
No. of years	30	30	23	30	23	30	23	23	30	30	30	30	30	30	30

Zell am See 47° 19′N 12° 48′E 754 m

Period 1931–60 Bibliography 3	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−2·1	−9·7	5·8	−20·9	13·0	−33·0	90	83	62	67	13	60	21	—	—
February	0·4	−8·8	7·3	−20·7	11·1	−32·9	89	74	60	41	12	82	28	—	—
March	6·8	−3·2	15·1	−12·8	18·8	−22·8	89	63	50	43	11	125	34	—	—
April	12·6	2·0	20·9	−3·8	24·9	−10·3	88	53	65	46	14	153	37	—	—
May	17·7	6·4	25·7	0·9	29·8	−3·6	88	54	90	42	16	171	37	—	—
June	20·6	9·9	28·3	4·4	31·5	0·5	89	56	148	60	19	166	35	—	—
July	22·5	11·7	30·5	6·9	34·6	2·0	90	58	164	83	19	175	36	—	—
August	21·8	11·3	29·3	6·8	32·3	4·1	92	59	139	67	18	181	41	—	—
September	18·9	8·5	25·9	2·8	29·2	−1·0	92	61	87	45	13	156	41	—	—
October	12·5	3·6	20·5	−2·0	22·9	−5·5	93	66	72	60	11	120	35	—	—
November	5·4	−0·9	13·9	−7·2	19·9	−14·1	92	76	60	36	11	68	24	—	—
December	−0·4	−5·9	7·9	−14·6	14·8	−27·0	92	85	55	43	11	47	17	—	—
Year	11·4	2·1	30·9*	−23·1*	34·6	−33·0	90	66	1052	83	168	1504	34	—	—
No. of years	30	30	23	30	23	30	23	23	30	30	30	21	21	—	—

*Average of highest/lowest each year

BELGIUM

Botrange 50° 30′N 6° 06′E 694 m

Period 1957–66	Temperature						Relative humidity		Precipitation			Bright sunshine			
Bibliography 4	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−0·5	−4·4	6·2	−11·6	9·0	−18·0	90	89	135	48	19	—	—	—	—
February	2·1	−2·7	9·0	−9·4	14·6	−15·1	92	90	131	51	16	—	—	—	—
March	4·8	−1·7	13·1	−8·3	18·5	−13·3	91	85	101	36	17	—	—	—	—
April	9·1	1·6	17·6	−3·8	19·8	−6·6	93	81	103	33	18	—	—	—	—
May	13·1	4·7	21·9	−1·5	24·2	−4·6	91	75	107	32	17	—	—	—	—
June	17·1	8·1	25·3	2·3	29·1	−0·6	88	74	118	52	14	—	—	—	—
July	17·3	9·3	26·4	5·3	31·3	2·6	93	79	147	98	18	—	—	—	—
August	16·9	9·2	26·2	4·5	29·8	2·8	94	81	135	50	18	—	—	—	—
September	15·4	7·5	23·6	2·3	28·6	0·0	94	82	106	96	14	—	—	—	—
October	10·8	4·3	18·8	−1·9	22·0	−4·7	94	86	112	42	16	—	—	—	—
November	4·1	0·0	11·0	−5·7	13·6	−11·2	94	92	130	52	17	—	—	—	—
December	1·0	−3·0	7·1	−10·0	10·5	−17·0	91	91	185	55	18	—	—	—	—
Year	9·3	2·7	28·3*	−13·5*	31·3	−18·0	92	84	1509	98	202	—	—	—	—
No. of years	10	10	10	10	10	10	10	10	10	10	10	—	—	—	—

Bruxelles (Brussels)/Uccle 50° 48′N 4° 21′E 100 m

Period 1957–66	Temperature						Relative humidity		Precipitation			Bright sunshine			
Bibliography 4	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·3	−1·2	10·5	−8·5	13·1	−16·8	92	86	66	20	21	62	23	8·5	13
February	6·7	0·3	14·2	−5·8	19·9	−11·2	92	81	61	24	17	74	26	10·3	11
March	10·3	2·2	18·2	−3·9	22·1	−6·7	91	74	53	20	17	122	33	12·0	6
April	14·2	5·1	22·0	−0·7	24·2	−1·8	91	71	60	21	18	137	33	13·8	4
May	18·4	7·9	25·6	1·0	29·0	−1·5	90	65	55	46	16	198	41	14·9	1
June	22·0	10·9	29·6	5·6	32·6	1·1	87	65	76	60	15	223	46	15·5	3
July	22·7	12·1	31·0	6·8	36·8	4·8	91	68	95	60	17	184	37	15·1	1
August	22·3	12·2	29·9	6·8	33·8	5·5	93	69	80	34	18	173	39	14·2	1
September	20·5	10·6	28·2	5·2	31·1	3·2	94	69	63	48	13	164	43	12·5	3
October	15·4	7·3	22·5	1·9	26·0	−2·0	93	77	83	32	17	118	35	11·0	6
November	8·9	3·1	15·6	−2·8	18·7	−6·7	93	85	75	25	20	51	19	8·9	14
December	5·6	0·2	12·1	−6·9	14·8	−12·3	92	86	88	26	19	45	18	7·7	16
Year	14·3	5·9	32·6*	−10·2*	36·8	−16·8	92	75	855	60	208	1551	35	15·5	79
No. of years	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

Gerdingen 51° 07′N 5° 35′E 63 m

Period 1957–66	Temperature						Relative humidity		Precipitation			Bright sunshine			
Bibliography 4	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	3·0	−1·8	10·4	−10·1	13·1	−17·9	93	86	71	23	21	—	—	—	—
February	5·1	−0·7	14·2	−7·2	18·6	−16·8	93	81	58	23	17	—	—	—	—
March	7·9	0·6	17·6	−5·4	22·0	−10·4	91	74	51	16	18	—	—	—	—
April	12·1	3·5	22·0	−2·2	24·7	−4·8	92	67	62	27	19	—	—	—	—
May	15·9	6·7	25·3	−0·3	27·9	−3·5	91	63	61	27	16	—	—	—	—
June	19·8	9·9	29·3	4·2	33·2	−0·2	90	61	68	72	12	—	—	—	—
July	20·3	11·2	30·7	5·9	37·5	2·7	93	67	89	39	16	—	—	—	—
August	20·0	11·2	30·4	6·3	34·8	4·9	95	69	84	36	18	—	—	—	—
September	18·0	9·1	28·6	4·0	30·9	1·6	95	70	69	35	16	—	—	—	—
October	13·3	5·7	22·3	0·0	24·4	−3·0	94	77	72	37	19	—	—	—	—
November	7·5	2·1	15·9	−4·2	19·8	−9·5	93	84	76	29	19	—	—	—	—
December	4·3	−0·1	11·7	−7·4	14·7	−15·0	92	87	91	32	19	—	—	—	—
Year	12·3	4·8	32·6*	−11·8*	37·5	−17·9	93	74	852	39	210	—	—	—	—
No. of years	10	10	10	10	10	10	10	10	10	10	10	—	—	—	—

*Average of highest/lowest each year

BELGIUM

Oostende (Ostend)   51° 14′N   2° 55′E   10 m

Period 1957–66 Bibliography 4	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·8	0·6	10·2	−5·9	13·1	−12·6	91	90	41	14	13	—	—	—	—
February	6·4	1·9	12·4	−3·2	17·2	−10·0	92	86	38	18	12	—	—	—	—
March	8·9	2·9	15·3	−2·3	19·1	−5·6	91	82	31	16	11	—	—	—	—
April	11·4	5·7	19·8	1·6	23·0	−1·4	91	80	38	14	12	—	—	—	—
May	15·0	9·7	22·9	4·8	28·1	3·2	89	78	34	16	11	—	—	—	—
June	18·2	11·5	26·4	7·9	32·0	5·6	89	79	38	21	10	—	—	—	—
July	19·5	13·1	26·9	10·5	32·2	8·0	90	80	62	25	12	—	—	—	—
August	19·9	13·3	27·2	10·4	31·3	9·5	91	80	58	22	13	—	—	—	—
September	19·0	11·8	25·3	7·6	28·9	5·2	92	80	56	31	10	—	—	—	—
October	15·0	8·5	20·9	3·9	24·8	1·4	93	83	68	24	13	—	—	—	—
November	10·1	4·6	14·9	−0·6	17·4	−5·3	93	89	74	23	15	—	—	—	—
December	6·1	2·1	11·5	−3·7	13·8	−8·5	94	91	60	17	16	—	—	—	—
Year	12·9	7·1	29·5*	−7·5*	32·2	−12·6	91	83	598	31	148	—	—	—	—
No. of years	10	10	10	10	10	10	10	10	10	10	10	—	—	—	—

Virton   49° 33′N   5° 34′E   242 m

Period 1957–66 Bibliography 4	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	3·2	−2·4	9·5	−12·4	12·5	−17·6	96	89	75	36	18	—	—	—	—
February	6·2	−1·1	13·1	−8·1	18·5	−16·0	95	84	72	39	17	—	—	—	—
March	9·5	−0·2	17·9	−7·1	22·1	−12·4	95	72	61	34	16	—	—	—	—
April	14·1	3·3	22·3	−2·0	25·6	−4·1	90	63	66	26	17	—	—	—	—
May	17·5	5·8	25·9	−0·8	28·2	−3·7	89	61	61	27	16	—	—	—	—
June	21·6	9·5	29·0	3·1	32·5	−0·2	87	62	62	59	14	—	—	—	—
July	22·3	10·6	31·3	5·1	36·1	1·9	90	64	74	36	14	—	—	—	—
August	22·4	10·5	30·0	4·0	32·2	2·6	93	68	88	37	17	—	—	—	—
September	19·9	8·3	27·7	2·3	31·1	0·0	95	69	74	32	15	—	—	—	—
October	14·5	4·6	21·5	−1·8	24·6	−4·0	95	77	67	49	16	—	—	—	—
November	7·9	2·2	14·7	−4·1	17·5	−9·0	94	85	85	41	19	—	—	—	—
December	4·3	−1·0	11·1	−8·4	14·5	−13·0	96	90	103	39	18	—	—	—	—
Year	13·6	4·2	32·1*	−13·1*	36·1	−17·6	93	74	888	59	197	—	—	—	—
No. of years	10	10	10	10	10	10	10	10	10	10	10	—	—	—	—

Werbomont   50° 23′N   5° 40′E   460 m

Period 1957–66 Bibliography 4	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·6	−3·3	8·3	−12·0	10·0	−18·0	95	90	95	56	20	—	—	—	—
February	4·2	−1·9	11·8	−8·6	16·2	−14·9	95	86	84	37	18	—	—	—	—
March	6·7	−0·4	15·2	−7·0	19·0	−13·1	95	78	65	25	19	—	—	—	—
April	10·8	2·6	19·2	−2·6	21·3	−6·5†	92	73	83	27	19	—	—	—	—
May	14·4	5·4	22·7	−0·4	25·0	−3·0	89	68	88	29	18	—	—	—	—
June	18·3	8·9	26·1	4·1	29·0	−1·0	89	68	97	56	15	—	—	—	—
July	18·9	10·1	27·7	5·5	32·0	3·0	90	71	113	61	18	—	—	—	—
August	18·3	9·9	27·0	4·6	30·9	2·2	92	74	121	72	18	—	—	—	—
September	17·0	8·1	24·7	2·7	27·8	1·0	93	74	80	42	15	—	—	—	—
October	12·5	4·7	20·1	−1·3	22·2	−4·0	94	77	77	26	16	—	—	—	—
November	6·0	1·0	12·7	−4·2	16·0	−10·1	96	87	93	46	20	—	—	—	—
December	2·9	−1·8	9·5	−8·5	12·5	−13·5	95	93	109	35	20	—	—	—	—
Year	11·0	3·6	29·2*	−12·9*	32·0	−18·0	93	78	1105	72	216	—	—	—	—
No. of years	10	10	10	10	10	10	10	10	10	10	10	—	—	—	—

*Average of highest/lowest each year

†Estimat

BULGARIA

Plēven 43° 24′N 24° 37′E 109 m

Period 1931–39 Bibliography 5	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·2 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·4	−5·3	11·7	−14·8	19·4	−24·6	89	82	35	22	10	—	—	—	—
February	4·3	−3·5	14·9	−12·2	21·6	−19·9	87	77	31	17	9	—	—	—	—
March	11·1	1·3	22·0	−6·6	28·4	−15·9	83	63	33	16	10	—	—	—	—
April	17·7	6·2	27·0	−0·6	32·0	−3·8	79	53	65	35	10	—	—	—	—
May	23·0	11·5	30·2	5·6	31·9	0·6	80	54	76	48	14	—	—	—	—
June	26·9	14·8	32·6	9·8	37·3	6·8	78	52	81	34	10	—	—	—	—
July	29·4	17·1	36·8	12·2	40·6	8·7	76	49	82	55	9	—	—	—	—
August	28·6	16·0	35·5	10·0	37·0	0·0	78	47	37	25	7	—	—	—	—
September	24·6	12·2	32·9	5·4	36·8	−0·6	83	51	32	22	7	—	—	—	—
October	19·1	8·4	29·2	1·4	35·0	−1·6	87	59	49	29	10	—	—	—	—
November	9·9	2·4	19·9	−5·5	22·8	−8·8	91	76	38	33	10	—	—	—	—
December	3·3	−2·5	13·8	−12·0	19·9	−23·1	91	83	36	22	11	—	—	—	—
Year	16·6	6·7	37·4*	−19·1*	40·6	−24·6	84	62	595	55	117	—	—	—	—
No. of years	9	9	9	9	9	9	9	9	9	9	9	—	—	—	—

Plovdiv 42° 29′N 24° 45′E 160 m

Period 1931–39 Bibliography 5	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·2 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·6	−3·3	12·6	−11·7	15·5	−22·9	91	76	39	38	8	—	—	—	—
February	7·0	−2·2	16·3	−11·3	22·5	−25·2	88	67	33	21	8	—	—	—	—
March	12·4	0·9	21·6	−5·7	25·1	−17·5	88	60	37	31	8	—	—	—	—
April	18·4	5·2	26·7	−1·1	30·6	−4·0	83	53	36	30	9	—	—	—	—
May	23·4	10·2	29·9	4·6	31·8	−0·3	81	53	51	25	11	—	—	—	—
June	27·6	13·7	34·2	8·5	36·0	6·0	76	50	65	48	9	—	—	—	—
July	30·8	16·2	36·9	11·7	39·8	8·2	73	45	37	26	8	—	—	—	—
August	29·9	15·1	35·3	10·5	38·3	8·3	76	46	28	25	6	—	—	—	—
September	25·7	11·2	32·5	3·8	34·6	0·2	85	48	32	39	5	—	—	—	—
October	20·5	7·5	28·7	0·6	32·7	−2·5	91	59	41	31	9	—	—	—	—
November	12·0	2·7	20·6	−5·1	23·3	−7·8	92	69	49	28	8	—	—	—	—
December	5·9	−1·6	14·1	−10·9	19·0	−17·4	90	76	44	25	10	—	—	—	—
Year	18·2	6·3	37·3*	−18·2*	39·8	−25·2	85	59	492	48	99	—	—	—	—
No. of years	9	9	9	9	9	9	9	9	9	9	9	—	—	—	—

Sliven 42° 41′N 26° 19′E 265 m

Period 1931–39 Bibliography 5	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·2 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·0	−1·6	12·3	−8·5	16·5	−14·4	82	70	43	37	9	—	—	—	—
February	5·9	−1·6	14·2	−8·2	16·1	−13·5†	77	64	38	27	9	—	—	—	—
March	11·3	1·7	20·3	−4·5	25·0	−10·3	77	56	30	24	7	—	—	—	—
April	16·7	6·1	24·3	−0·1	30·0	−2·5	73	51	50	22	9	—	—	—	—
May	22·3	10·8	28·7	5·0	31·9	0·5	72	49	60	31	10	—	—	—	—
June	26·3	14·4	32·9	9·2	35·8	5·4	64	45	70	74	10	—	—	—	—
July	29·5	17·2	35·5	12·4	37·2	6·9	60	42	49	37	8	—	—	—	—
August	28·9	16·7	34·5	11·8	35·6	8·0	63	41	25	39	5	—	—	—	—
September	25·1	13·1	31·7	6·0	34·2	2·0	70	43	27	27	5	—	—	—	—
October	19·8	9·4	27·9	2·7	32·8	0·5	79	54	56	37	8	—	—	—	—
November	11·6	9·4	19·3	−2·1	22·2	−5·8	81	66	54	47	8	—	—	—	—
December	6·4	0·0	13·5	−8·0	16·4	−12·6	81	71	71	41	12	—	—	—	—
Year	17·4	8·0	36·0*	−11·9*	37·2	−14·4	73	54	573	74	100	—	—	—	—
No. of years	9	9	9	9	9	9	9	9	9	9	9	—	—	—	—

*Average of highest/lowest each year

†Estimated

BULGARIA

Sofiya (Sofia) 42° 42′N 23° 20′E 550 m

Period 1931–39 Bibliography 5	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·2 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·8	−4·0	9·1	−11·2	16·2	−21·0	88	78	36	22	9	53	18	—	—
February	4·1	−2·9	12·4	−12·0	17·4	−19·2	85	69	28	13	10	89	30	—	—
March	10·4	0·8	19·7	−6·7	23·6	−14·9	82	56	41	20	10	128	35	—	—
April	15·8	5·3	24·1	−1·1	28·2	−4·8	77	50	61	29	12	179	45	—	—
May	20·7	10·2	27·3	4·5	29·4	0·3	75	52	87	55	13	226	50	—	—
June	24·4	13·5	30·7	8·5	32·2	4·4	72	51	73	37	12	268	58	—	—
July	27·1	15·6	33·4	11·0	36·7	6·9	71	46	68	38	10	320	69	—	—
August	26·0	14·9	32·2	10·2	34·0	7·7	75	46	64	49	9	296	68	—	—
September	22·1	11·3	29·3	4·8	33·6	−1·5	82	51	41	23	7	222	59	—	—
October	17·4	7·9	24·8	−0·8	30·1	−2·1	86	59	65	30	11	145	42	—	—
November	9·1	2·5	17·8	−4·2	24·2	−6·7	90	72	48	25	10	78	27	—	—
December	3·5	−2·1	11·9	−10·8	16·8	−16·0	87	77	49	24	12	42	15	—	—
Year	15·2	6·1	33·9*	−16·2*	36·7	−21·0	81	59	661	55	125	2046	46	—	—
No. of years	9	9	9	9	9	9	9	9	9	9	9	8	8	—	—

Varna 43° 12′N 27° 55′E 35 m

Period 1931–39 Bibliography 5	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·2 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·8	−1·2	14·4	−9·0	20·4	−15·7	89	80	28	38	8	72	25	—	—
February	6·2	−1·1	15·0	−9·5	21·4	−13·0	86	75	30	19	9	96	32	—	—
March	10·8	2·3	21·3	−4·3	24·1	−8·2	86	70	26	18	7	134	36	—	—
April	15·7	6·8	25·1	0·8	29·5	−2·3	83	68	37	22	8	188	47	—	—
May	21·6	11·9	29·3	6·1	33·7	2·4	83	69	26	19	8	255	56	—	—
June	26·1	15·9	31·9	11·2	35·4	9·1	78	67	64	64	9	275	60	—	—
July	29·8	18·5	35·7	14·3	38·7	10·1	75	61	45	58	6	336	72	—	—
August	29·3	17·9	33·7	13·5	36·4	11·3	79	60	37	29	6	311	72	—	—
September	25·5	14·4	31·5	7·5	33·7	2·5	83	62	27	23	5	247	66	—	—
October	20·5	10·9	27·7	4·2	32·4	1·1	88	68	58	54	8	176	51	—	—
November	13·0	5·9	20·9	−2·3	24·2	−5·8	87	72	35	35	9	91	31	—	—
December	7·1	1·0	15·7	−7·8	21·0	−13·5	88	79	63	33	11	72	26	—	—
Year	17·6	8·6	36·0*	−12·4*	38·7	−15·7	84	69	476	64	94	2253	50	—	—
No. of years	9	9	9	9	9	9	9	9	9	9	9	7	7	—	—

Vidin 44° 00′N 22° 51′E 35 m

Period 1931–39 Bibliography 5	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·2 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·4	−5·5	9·7	−15·4	13·6	−27·5	90	83	42	20	10	—	—	—	—
February	4·5	−3·8	13·1	−14·2	18·0	−25·1	88	74	38	25	8	—	—	—	—
March	11·2	0·6	20·1	−7·4	24·0	−16·3	87	63	43	24	9	—	—	—	—
April	17·9	5·6	26·7	−2·1	32·0	−5·5	80	56	52	44	9	—	—	—	—
May	24·2	10·9	31·1	5·0	35·1	−0·1	80	55	67	33	12	—	—	—	—
June	28·6	14·2	35·1	9·2	38·8	6·5	76	50	49	41	8	—	—	—	—
July	31·2	16·2	37·8	11·5	40·8	9·5	74	46	45	65	6	—	—	—	—
August	30·0	15·0	36·3	9·4	39·5	7·5	77	46	49	57	7	—	—	—	—
September	24·9	11·0	32·3	3·6	34·0	1·2	84	53	33	29	5	—	—	—	—
October	18·3	7·1	27·8	−0·2	32·0	−4·5	89	66	60	63	9	—	—	—	—
November	9·4	2·4	17·7	−5·0	24·0	−8·5	91	78	50	36	9	—	—	—	—
December	3·6	−2·5	11·8	−13·0	17·5	−24·5	89	81	53	27	11	—	—	—	—
Year	17·1	6·0	38·0*	−21·5*	40·8	−27·5	84	63	581	65	103	—	—	—	—
No. of years	9	9	9	9	9	9	9	9	9	9	9	—	—	—	—

*Average of highest/lowest each year

CYPRUS

Famagusta 35° 07′N 33° 56′E 25 m [Sunshine data for Ayios Nicolaos 35° 05′N 33° 54′E 37 m 1955–65]

Period 1931–60 Bibliography 6, 7	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·2 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						per cent		millimetres			hours		hours	
January	16·4	6·4	20·0	1·1	22·2	−6·1	81	72	90	80	11	180	57	9.9	1
February	16·9	6·3	20·6	1·7	25·0	−2·2	79	68	52	36	7	187	60	10.8	1
March	18·8	7·4	23·3	2·2	27·2	−1·1	77	67	36	63	6	237	64	11.5	<1
April	22·9	10·5	28·9	5·6	33·3	2·2	72	62	16	24	3	264	68	12.7	<1
May	27·6	14·7	33·3	10·0	38·9	4·4	66	59	13	34	2	334	77	13.4	0
June	31·6	18·9	36·7	15·0	41·1	11·1	66	56	4	33	<1	370	85	13.6	0
July	34·3	21·8	37·8	18·9	40·6	17·2	65	52	<1	1	<1	389	88	13.4	0
August	34·4	21·8	37·8	18·9	41·7	15·6	67	53	1	15	<1	371	89	12.9	0
September	32·2	19·1	35·6	15·6	38·9	12·2	67	57	3	20	1	322	87	12.0	0
October	28·4	15·1	32·8	11·1	37·8	6·1	70	59	33	62	3	277	79	11.2	<1
November	22·9	11·6	27·8	5·6	32·2	0·0	76	64	49	145	5	227	73	10.2	<1
December	18·5	8·4	22·8	2·2	28·9	−2·2	80	70	106	136	9	170	57	9.6	1
Year	25·4	13·5	38·7•	−0·6•	41·7	−6·1	72	62	403	145	47	3328	74	13.6	3
No. of years	27	27	27	27	27	27	24	24	30	30	30	11	11	11	11

Kyrenia 35° 20′N 33° 19′E 20 m

Period 1931–60 Bibliography 6	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·2 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						per cent		millimetres			hours		hours	
January	16·4	8·8	19·4	4·4	24·4	−3·9	75	70	117	76	13	—	—	—	—
February	16·8	9·0	20·0	5·0	22·8	−0·6	74	67	79	61	10	—	—	—	—
March	18·6	9·6	22·8	5·6	27·2	1·7	70	67	60	112	7	—	—	—	—
April	21·8	11·9	26·7	8·3	30·6	2·8	70	68	20	51	4	—	—	—	—
May	25·7	15·7	31·1	11·7	36·1	6·1	68	68	13	56	2	—	—	—	—
June	29·9	19·5	34·4	16·1	41·1	11·1	68	65	2	44	<1	—	—	—	—
July	32·6	22·2	36·7	18·9	40·6	12·8	64	62	<1	<1	<1	—	—	—	—
August	33·2	22·5	37·8	20·0	41·7	13·9	65	60	<1	<1	<1	—	—	—	—
September	30·7	20·6	34·4	17·2	39·4	13·3	65	60	5	25	1	—	—	—	—
October	27·1	17·4	31·1	13·9	36·1	10·6	67	62	37	61	3	—	—	—	—
November	22·6	14·2	26·7	9·4	32·2	4·4	73	66	68	213	7	—	—	—	—
December	18·2	10·9	22·2	6·7	23·9	1·1	75	69	133	109	11	—	—	—	—
Year	24·5	15·2	38·0•	2·8•	41·7	−3·9	69	65	534	213	58	—	—	—	—
No. of years	27	26	27	26	28	28	25	25	30	30	30	—	—	—	—

Nicosia 35° 09′N 33° 21′E 175 m [Sunshine data for Aerodrome 35° 18′N 32° 57′E 218 m 1948–60]

Period 1931–60 Bibliography 6, 7	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·2 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						per cent		millimetres			hours		hours	
January	14·9	5·4	18·9	0·6	21·7	−3·3	83	66	76	74	14	170	54	10·0	1
February	15·9	5·4	20·0	0·6	26·1	−5·6	80	61	45	32	10	196	63	11·0	1
March	18·7	6·7	25·0	1·7	30·0	−1·7	73	55	36	55	8	230	62	11·7	1
April	24·0	10·0	31·7	5·0	35·0	1·1	64	46	18	22	4	279	71	12·9	0
May	29·3	14·2	36·1	9·4	42·8	7·2	55	41	22	49	3	339	78	13·5	0
June	33·6	18·3	38·9	14·4	43·9	10·6	52	37	9	69	1	378	87	13·7	0
July	36·6	21·1	41·1	17·2	43·9	15·0	51	34	1	28	<1	398	90	13·6	0
August	36·7	20·9	40·6	17·8	44·4	14·4	57	35	2	19	<1	378	91	13·1	0
September	33·2	18·2	37·8	14·4	41·7	11·7	60	38	10	129	1	326	87	12·2	0
October	28·4	14·4	33·9	10·0	40·6	5·6	65	45	25	43	4	283	81	11·3	0
November	22·3	10·4	27·8	5·0	32·8	−1·1	75	53	33	38	6	215	69	10·2	0
December	17·4	7·0	21·1	2·2	23·9	−2·8	82	63	68	93	11	170	56	9·7	1
Year	25·9	12·7	41·5•	−1·0•	44·4	−5·6	66	48	345	129	62	3362	76	13·7	4
No. of years	30	30	30	30	30	30	30	30	30	30	30	13	13	13	13

•Average of highest/lowest each year

CZECHOSLOVAKIA

Banská Štiavnica 48° 28′N 18° 54′E 585 m

Period 1931–38 1946–60 Bibliography 8	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1430							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	—	—	6·7	−15·4	11·1	−24·0	86	80	48	40	12	48	17	—	—
February	—	—	9·5	−14·2	16·2	−24·1	85	76	57	56	12	67	23	—	—
March	—	—	15·7	−9·6	21·4	−19·4	83	66	49	28	11	119	32	—	—
April	—	—	20·6	−4·0	27·0	−8·9	76	56	56	40	12	135	33	—	—
May	—	—	25·3	0·6	29·1	−6·0	75	56	78	39	12	182	39	—	—
June	—	—	28·1	4·9	34·0	−2·2	76	59	79	56	12	211	44	—	—
July	—	—	30·0	8·2	34·2	4·6	76	57	76	73	11	223	46	—	—
August	—	—	29·9	7·5	35·2	3·2	78	57	72	50	10	183	41	—	—
September	—	—	25·5	1·9	29·6	−3·2	82	60	54	44	9	160	42	—	—
October	—	—	20·3	−2·8	25·6	−8·8	86	68	64	35	10	96	28	—	—
November	—	—	12·3	−6·8	15·4	−13·0	90	80	75	46	13	59	21	—	—
December	—	—	8·3	−12·3	11·8	−22·8	89	84	67	36	13	25	9	—	—
Year	—	—	31·2*	−17·4*	35·2	−24·1	82	67	775	73	137	1508	34	—	—
No. of years	—	—	23	23	23	23	23	23	23	23	23	6	6	—	—

Bratislava 48° 10′N 17° 08′E 153 m

Period 1931–38 1946–60 Bibliography 8	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	1·6	−3·0	9·2	−11·7	15·0	−17·7	84	77	43	31	12	65	24	—	—
February	3·5	−2·2	11·8	−10·4	16·2	−22·8	81	70	47	31	12	83	29	—	—
March	9·4	1·1	18·8	−5·9	23·7	−10·9	79	58	42	38	10	151	41	—	—
April	16·2	6·4	23·7	0·2	28·2	−3·8	73	49	42	39	11	203	50	—	—
May	20·7	11·0	28·2	4·0	32·7	−2·9	72	49	61	44	11	264	56	—	—
June	23·8	14·3	31·0	8·8	36·6	5·1	72	50	64	40	11	271	57	—	—
July	26·1	16·2	33·1	11·5	38·2	8·9	73	49	73	67	11	277	57	—	—
August	25·7	15·5	32·4	10·6	36·9	8·2	75	51	69	67	10	271	61	—	—
September	22·1	12·2	28·9	5·9	32·8	0·8	78	52	40	33	8	207	55	—	—
October	14·9	6·7	23·0	0·2	27·5	−4·8	84	62	54	42	11	144	43	—	—
November	7·8	3·2	15·2	−3·0	19·9	−7·4	86	76	55	48	13	61	22	—	—
December	3·9	−0·2	10·8	−8·4	15·2	−20·7	87	80	59	42	14	45	17	—	—
Year	14·6	6·8	34·1*	−14·0*	38·2	−22·8	79	60	649	67	134	2042	46	—	—
No. of years	15	15	23	23	23	23	23	23	23	23	23	22	22	—	—

Brno 49° 12′N 16° 34′E 223 m

Period 1931–38 1946–60 Bibliography 8	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	1·2	−4·7	7·9	−13·9	14·4	−20·2	88	77	30	14	12	49	18	—	—
February	2·6	−4·7	10·9	−13·3	15·6	−24·6	88	69	32	21	11	71	25	—	—
March	8·4	−0·9	18·2	−7·9	23·0	−14·2	87	58	22	21	8	136	37	—	
April	15·2	3·8	23·2	−2·6	27·0	−6·0	82	49	36	30	12	180	44	—	—
May	20·2	8·5	27·7	1·6	31·6	−2·6	77	49	49	37	11	241	51	—	—
June	23·3	11·9	30·2	5·9	35·4	2·8	77	52	67	44	13	244	50	—	—
July	25·2	13·7	32·2	8·8	36·6	4·6	81	52	81	41	14	254	52	—	—
August	24·7	12·7	31·2	7·8	36·2	5·2	85	53	73	92	13	233	52	—	—
September	21·0	9·3	28·0	2·9	32·2	0·0	90	55	42	52	10	183	48	—	—
October	14·3	4·3	21·8	−2·3	26·2	−7·2	91	63	36	42	10	117	35	—	—
November	7·3	1·6	14·2	−5·3	18·0	−10·4	91	77	38	25	12	45	16	—	—
December	3·4	−1·3	9·7	−10·3	14·0	−18·6	91	82	40	30	14	31	12	—	—
Year	13·9	4·5	33·0*	−15·6*	36·6	−24·6	86	61	546	92	140	1784	40	—	—
No. of years	14	14	23	23	23	23	23	23	23	23	23	23	23	—	—

*Average of highest/lowest each year

CZECHOSLOVAKIA

České Budějovice 48° 58′N 14° 28′E 387 m

Period 1946–60 Bibliography 8	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·7	−5·3	10·5	−16·5	15·2	−25·2	85	73	23	16	12	56	20	—	—
February	2·4	−5·7	12·1	−15·4	18·3	−31·5	85	67	29	25	13	71	25	—	—
March	7·9	−1·3	18·4	−9·5	20·6	−15·9	85	59	25	35	10	127	35	—	—
April	13·6	3·0	23·1	−3·6	27·0	−6·8	81	50	40	28	12	178	43	—	—
May	18·8	6·7	27·3	0·3	31·5	−3·3	80	51	69	55	13	216	46	—	—
June	22·0	10·1	29·4	4·9	34·0	1·9	81	54	92	65	15	212	44	—	—
July	23·5	12·1	31·8	7·8	37·3	5·5	83	56	116	73	16	230	47	—	—
August	23·4	11·0	31·1	6·0	35·1	3·5	86	55	85	102	14	218	49	—	—
September	20·1	7·9	28·6	1·5	33·5	−1·9	88	56	35	20	11	175	46	—	—
October	13·6	2·8	22·3	−4·0	28·5	−10·0	90	62	35	30	12	125	37	—	—
November	6·4	0·8	14·4	−6·1	17·5	−12·0	88	74	29	19	12	53	19	—	—
December	3·0	−2·5	11·6	−10·4	15·2	−22·5	87	78	33	28	13	38	14	—	—
Year	13·0	3·3	32·9*	−19·1*	37·3	−31·5	85	61	611	102	153	1699	38	—	—
No. of years	13	13	15	15	15	15	15	15	15	15	15	15	15	—	—

Cheb 50° 05′N 12° 24′E 471 m

Period 1931–36 1948–60 Bibliography 8	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·3	−4·2	7·4	−14·8	12·0	−20·3	90	84	37	14	16	49	18	—	—
February	1·4	−5·0	9·7	−17·1	16·3	−31·8	90	79	37	29	16	75	26	—	—
March	6·4	−2·8	16·4	−10·0	19·5	−17·7	90	67	23	10	12	127	35	—	—
April	11·1	1·4	21·2	−4·5	27·9	−10·0	87	57	39	16	14	170	41	—	—
May	17·1	6·2	25·7	−1·2	28·8	−5·9	85	58	49	24	14	224	47	—	—
June	20·3	8·4	28·1	3·0	32·3	0·5	85	57	61	31	15	244	50	—	—
July	22·0	10·8	30·9	6·1	37·0	1·5	85	57	88	52	14	225	46	—	—
August	21·2	9·9	29·6	4·6	34·9	0·8	89	57	67	36	15	203	45	—	—
September	17·7	6·9	26·1	−0·7	31·0	−3·7	93	61	41	31	12	176	46	—	—
October	10·7	3·3	19·8	−3·8	24·6	−9·5	92	69	47	29	15	87	26	—	—
November	4·7	0·0	11·7	−6·9	16·9	−11·0	92	81	30	37	13	39	14	—	—
December	0·6	−3·6	8·0	−11·8	11·4	−23·0	92	87	35	17	16	26	10	—	—
Year	11·1	2·6	31·4*	−19·0*	37·0	−31·8	89	68	554	52	172	1645	37	—	—
No. of years	6	6	16	16	16	16	16	16	16	16	16	7	7	—	—

Hradec Králové 50° 11′N 15° 50′E 276 m

Period 1932–38 1946–60 Bibliography 8	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	—	—	7·8	−15·8	12·4	−22·5	88	80	40	25	14	57	21	—	—
February	—	—	9·8	−15·5	14·6	−28·4	88	74	36	26	13	73	26	—	—
March	—	—	17·1	−9·7	21·3	−19·9	87	62	28	32	11	151	41	—	—
April	—	—	22·1	−3·5	28·4	−6·7	84	53	38	22	13	183	44	—	—
May	—	—	27·2	0·2	31·1	−3·2	81	53	55	35	13	248	52	—	—
June	—	—	30·3	4·0	35·6	0·9	81	55	68	38	13	243	50	—	—
July	—	—	31·8	7·5	36·9	3·4	85	56	85	45	14	242	49	—	—
August	—	—	31·2	6·1	35·2	1·6	87	55	74	51	13	231	51	—	—
September	—	—	28·0	1·5	33·0	−2·4	90	58	41	44	11	183	48	—	—
October	—	—	21·5	−2·7	25·7	−7·1	91	65	44	39	13	118	35	—	—
November	—	—	13·8	−5·2	18·3	−10·8	91	79	38	25	14	45	16	—	—
December	—	—	9·5	−10·8	12·0	−22·2	90	84	37	21	14	38	15	—	—
Year	—	—	33·1*	−18·6*	36·9	−28·4	87	65	584	51	156	1812	40	—	—
No. of years	—	—	22	22	22	22	22	22	22	22	22	17	17	—	—

*Average of highest/lowest each year

CZECHOSLOVAKIA

Košice 48° 42′N 21° 16′E 232 m

Period 1931–37 1946–60 Bibliography 8	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·3	−7·1	6·2	−15·8	10·3	−26·9	87	78	30	22	13	67	24	—	—
February	1·8	−5·6	9·0	−14·7	12·6	−24·4	86	72	30	27	13	86	30	—	—
March	8·1	−1·7	17·0	−8·3	21·2	−17·1	83	59	26	23	10	166	45	—	—
April	15·4	3·4	23·0	−3·0	29·0	−6·5	77	51	38	24	11	204	50	—	—
May	20·6	8·3	27·3	1·6	30·8	−3·0	74	51	57	40	13	266	57	—	—
June	23·5	11·6	30·0	5·0	33·5	2·1	75	55	84	60	14	259	54	—	—
July	25·7	13·1	32·3	8·0	35·0	4·2	77	53	84	44	13	282	58	—	—
August	25·3	12·6	32·1	7·3	39·4	2·6	80	53	80	59	13	258	58	—	—
September	21·4	8·6	28·1	1·4	32·8	−1·1	86	53	47	44	9	216	57	—	—
October	14·3	3·1	21·7	−3·3	27·1	−11·1	89	61	41	31	10	153	45	—	—
November	7·1	0·3	14·6	−6·9	17·3	−13·9	90	76	49	32	13	68	24	—	—
December	2·6	−2·7	9·4	−11·3	14·5	−18·1	90	82	39	23	15	47	18	—	—
Year	13·8	3·7	33·5*	−17·7*	39·4	−26·9	83	62	605	60	147	2072	46	—	—
No. of years	15	15	22	22	22	22	22	22	22	22	22	22	22	—	—

Opava 49° 56′N 17° 55′E 272 m

Period 1931–36 1946–60 Bibliography 8	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·0	−3·9	8·4	−17·2	12·8	−27·5	86	78	26	13	12	64	24	—	—
February	1·6	−4·0	10·6	−16·9	13·8	−28·5	86	74	28	19	12	79	28	—	—
March	6·5	−1·2	15·8	−11·1	19·2	−24·2	86	65	27	21	10	129	35	—	—
April	12·3	2·9	21·8	−3·9	26·4	−10·2	81	56	38	39	12	169	41	—	—
May	19·0	8·5	26·7	0·1	30·5	−3·0	79	54	69	52	13	229	48	—	—
June	21·6	11·3	29·3	3·6	34·5	−1·1	78	55	75	33	13	237	49	—	—
July	24·5	14·1	30·8	7·3	35·5	4·4	78	55	92	73	14	234	48	—	—
August	22·7	12·7	30·3	5·6	35·2	1·5	82	56	81	40	13	210	47	—	—
September	18·7	9·4	27·2	0·8	31·2	−2·5	86	57	48	64	10	172	45	—	—
October	12·3	5·1	21·5	−3·2	25·6	−8·4	87	64	44	49	11	121	36	—	—
November	6·8	1·5	14·7	−6·4	18·6	−15·4	87	75	30	18	12	72	26	—	—
December	2·3	−2·6	10·7	−12·4	14·5	−24·6	87	80	29	22	11	51	20	—	—
Year	12·4	4·5	32·1*	−20·4*	35·5	−28·5	84	64	587	73	143	1767	39	—	—
No. of years	6	6	21	21	21	21	21	21	21	21	21	10	10	—	—

Praha (Prague) 50° 04′N 14° 26′E 262 m

Period 1931–38 1946–60 Bibliography 8	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	—	—	9·5	−13·0	13·0	−22·5	84	73	18	12	13	58	22	—	—
February	—	—	11·4	−12·3	17·9	−27·8	83	67	18	19	11	77	27	—	—
March	—	—	17·5	−8·0	21·6	−14·3	82	55	18	17	10	150	41	—	—
April	—	—	22·5	−1·7	29·1	−6·0	77	47	27	18	11	189	46	—	—
May	—	—	27·9	2·0	32·2	−1·7	75	45	48	41	13	249	52	—	—
June	—	—	30·9	6·8	36·4	5·0	74	46	54	41	12	257	53	—	—
July	—	—	32·7	9·3	37·8	6·3	77	49	68	89	13	250	51	—	—
August	—	—	31·8	8·2	36·1	4·8	81	48	55	51	12	243	54	—	—
September	—	—	28·7	3·5	33·4	−0·1	84	51	31	31	10	190	50	—	—
October	—	—	21·7	−1·6	26·2	−6·2	87	60	33	35	13	125	37	—	—
November	—	—	13·8	−4·7	17·4	−10·0	87	73	20	21	12	47	17	—	—
December	—	—	10·2	−9·8	13·4	−21·2	87	78	21	15	13	37	15	—	—
Year	—	—	33·8*	−15·8*	37·8	−27·8	81	58	411	89	143	1872	42	—	—
No. of years	—	—	23	23	23	23	23	23	23	23	23	23	23	—	—

*Average of highest/lowest each year

DENMARK

Bogø 54° 56′N 12° 03′E 25 m

[Sunshine data for Næsgård 54° 52′N 12° 07′E 10 m]

Period 1931–60 Bibliography 9, 10	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·9	−1·9	7·1	−8·1	9·9	−25·2	90	89	47	17	14	34	14	6·9	19
February	2·0	−2·5	7·6	−8·2	14·2	−20·1	89	87	38	28	11	58	21	9·8	15
March	4·7	−0·7	11·5	−5·6	18·7	−17·8	88	82	29	24	10	123	33	11·4	10
April	10·0	3·1	17·3	−1·2	24·3	−5·8	83	73	34	19	11	181	43	13·9	5
May	15·2	7·3	22·8	2·9	27·4	−1·0	79	69	40	41	10	255	52	15·8	3
June	19·1	11·3	25·5	7·1	31·0	4·8	80	70	48	46	11	263	51	15·9	2
July	21·3	13·8	27·0	10·4	31·9	7·6	82	72	68	91	13	252	49	16·2	2
August	20·7	13·9	25·7	10·3	31·0	7·9	85	73	69	67	13	229	50	14·7	2
September	17·3	11·1	22·5	6·3	28·3	3·8	88	76	58	62	13	177	46	12·8	4
October	12·1	7·1	17·5	2·3	23·0	−1·9	90	81	54	44	13	95	29	10·3	9
November	7·1	3·3	11·3	−1·0	14·5	−5·5	91	86	46	31	13	37	14	7·7	17
December	3·9	0·6	8·6	−4·5	12·4	−9·4	91	89	49	28	13	25	11	6·7	21
Year	11·3	6·0	28·0*	−10·6*	31·9	−25·2	86	79	580	91	145	1729	38	16·2	109
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	29	29

Fanø 55° 27′N 8° 24′E 3 m

[Sunshine data for Askov 55° 28′N 9° 07′E 65 m]

Period 1931–60 Bibliography 9, 10	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·6	−1·7	6·9	−8·8	9·5	−22·0	90	89	60	21	17	43	18	7·6	17
February	2·7	−2·4	6·7	−8·9	9·6	−21·2	89	88	45	23	13	65	24	9·5	11
March	5·5	−0·6	11·3	−6·0	18·0	−18·0	89	83	38	26	12	126	34	11·8	9
April	10·4	3·0	17·4	−1·9	25·0	−5·2	86	75	39	22	12	177	42	14·1	4
May	15·7	7·1	23·5	1·7	30·0	−1·9	80	67	43	33	11	252	50	15·5	2
June	18·9	10·6	26·3	5·9	33·0	1·4	78	66	43	33	12	255	49	16·0	1
July	20·9	13·2	28·3	9·5	35·0	5·1	81	69	74	94	14	242	47	15·7	2
August	20·8	13·1	26·6	8·7	32·5	3·5	83	69	85	43	15	217	47	14·6	2
September	17·6	10·6	22·3	5·2	29·0	1·1	86	73	88	45	16	166	43	12·4	3
October	12·6	6·6	17·0	5·9	20·5	−6·0	89	80	82	51	17	98	30	10·4	8
November	7·8	3·1	11·6	−2·4	14·0	−6·7	91	88	68	21	19	45	18	8·1	15
December	4·9	0·7	8·9	−5·7	14·5	−13·2	92	91	64	25	19	31	14	6·4	18
Year	11·7	5·2	29·0*	−11·3*	35·0	−22·0	86	78	729	94	177	1717	38	16·0	92
No. of years	30	30	30	30	30	30	26	26	30	30	30	30	30	29	29

Gårdbogård 57° 35′N 10° 21′E 8 m

Period 1931–42 1957–59 Bibliography 10	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·6	−3·1	6·8	−10·7	8·3	−23·6	90	87	48	23	12	—	—	—	—
February	2·5	−3·7	9·5	−11·8	14·1	−21·6	87	87	31	17	9	—	—	—	—
March	4·4	−2·4	10·9	−10·1	13·3	−18·8	89	78	35	23	9	—	—	—	—
April	9·6	1·2	16·0	−4·9	18·5	−9·8	84	67	34	34	10	—	—	—	—
May	14·7	5·4	21·1	−0·6	23·0	−3·9	73	55	35	20	8	—	—	—	—
June	18·9	9·6	25·6	4·3	27·3	2·2	71	60	50	49	8	—	—	—	—
July	21·2	12·4	27·2	7·6	28·0	2·2	78	64	62	55	10	—	—	—	—
August	20·1	11·8	24·8	6·2	26·4	2·5	80	68	71	53	10	—	—	—	—
September	16·6	8·4	21·3	2·5	23·4	−0·7	88	70	63	45	12	—	—	—	—
October	13·0	4·6	17·5	−1·7	19·2	−4·8	88	76	82	49	15	—	—	—	—
November	7·5	2·2	11·8	−3·4	12·4	−6·3	91	88	57	36	14	—	—	—	—
December	4·0	−0·5	8·3	−7·5	8·4	−12·2	90	88	41	18	12	—	—	—	—
Year	11·3	3·8	27·2*	−13·6*	28·0	−23·6	84	74	609	55	129	—	—	—	—
No. of years	3	15	3	15	3	15	3	3	15	15	15	—	—	—	—

*Average of highest/lowest each year

DENMARK

Hoyvík 62° 02′N 6° 45′W 20 m

Faeroes

Period 1931–60 Bibliography 9, 10	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·2	1·5	10·2	−4·2	14·8	−9·9	81	82	149	73	25	15	8	5·9	20
February	5·8	1·2	9·7	−5·0	11·9	−10·4	82	82	136	51	22	41	17	8·4	10
March	6·6	2·2	10·5	−3·8	12·7	−8·5	82	81	114	49	23	76	21	10·7	8
April	7·6	3·0	11·2	−2·6	13·3	−6·7	81	80	106	51	22	113	26	13·7	6
May	9·6	5·1	14·0	0·4	18·9	−4·5	82	82	67	43	16	137	25	15·9	6
June	11·6	7·0	15·8	2·8	18·8	0·5	83	83	74	47	16	140	24	17·0	5
July	13·3	9·0	16·8	5·9	22·1	2·2	86	84	79	55	18	109	19	16·9	6
August	13·6	9·2	16·7	5·5	21·6	3·1	87	84	96	40	20	102	21	15·3	7
September	12·1	7·8	15·2	3·1	18·1	0·0	85	84	132	55	21	82	21	11·8	7
October	9·8	5·4	13·2	−0·1	16·5	−4·3	83	82	157	51	24	58	19	8·8	11
November	8·1	3·9	11·3	−1·1	14·6	−5·0	83	84	156	53	24	22	10	6·7	16
December	7·0	2·5	10·7	−3·1	12·0	−10·0	82	83	167	56	26	7	4	4·4	24
Year	9·3	4·8	18·0*	−6·5*	22·1	−10·4	83	83	1433	73	257	902	20	17·0	126
No. of years	27	30	27	30	27	30	30	30	30	30	30	30	30	30	30

København (Copenhagen) 55° 41′N 12° 33′E 9 m

Period 1931–60 Bibliography 9, 10	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·0	−2·0	7·2	−8·2	9·9	−24·2	88	85	49	24	17	36	15	7·3	19
February	2·1	−2·5	7·9	−8·2	14·0	−19·6	86	83	39	24	13	55	20	9·5	14
March	5·0	−0·8	11·4	−6·2	18·5	−17·8	85	78	32	25	12	118	32	11·3	9
April	10·4	3·1	17·5	−1·6	22·1	−8·8	79	68	38	38	13	161	38	13·6	5
May	16·1	7·5	23·7	2·5	27·7	−1·5	70	59	43	38	11	245	49	15·6	2
June	19·4	11·2	26·3	6·5	32·7	3·0	70	60	47	37	13	245	47	15·7	1
July	21·8	13·6	27·3	9·7	30·7	7·5	74	62	71	77	14	239	46	15·8	1
August	21·2	13·5	26·4	9·1	30·5	5·6	78	64	66	41	14	207	45	14·7	2
September	17·5	10·5	22·5	4·9	26·7	0·9	83	69	62	50	15	157	41	12·8	3
October	12·1	6·7	16·7	1·0	19·9	−4·0	86	76	59	47	16	87	27	10·1	10
November	7·3	3·3	11·3	−1·8	14·4	−6·8	88	83	48	34	16	34	13	7·8	17
December	4·2	0·7	8·7	−5·3	12·3	−11·4	89	87	49	30	17	19	8	6·0	23
Year	11·6	5·4	28·5*	−10·4*	32·7	−24·2	81	73	603	77	171	1603	36	15·8	106
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30

Odense 55° 23′N 10° 27′E 15 m

[Sunshine data for Årslev 55° 18′N 10° 27′E 48 m 1951–60]

Period 1931–60 Bibliography 9, 10	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·0	−2·4	7·8	−11·0	10·6	−23·6	90	87	49	25	17	39	16	7·8	15
February	2·2	−3·1	8·0	−10·8	13·5	−23·7	90	84	35	25	13	57	21	8·3	13
March	5·2	−1·3	12·5	−8·2	18·4	−21·2	89	78	30	19	12	120	33	11·7	9
April	10·5	2·3	18·3	−3·5	24·3	−8·2	84	70	37	20	13	180	43	12·4	3
May	16·0	6·0	23·8	0·3	29·0	−3·2	78	64	42	35	10	253	51	15·3	1
June	19·3	9·3	26·2	3·6	31·2	0·4	78	65	47	46	11	246	48	16·4	1
July	21·3	11·7	27·8	6·3	31·4	3·3	81	67	63	70	13	248	48	15·3	2
August	20·7	11·7	26·4	6·3	32·2	3·0	86	69	79	67	15	195	42	13·9	1
September	17·3	9·2	22·9	2·6	28·6	−0·7	90	73	56	61	14	180	47	12·5	3
October	12·0	5·4	17·0	−1·2	20·2	−6·2	92	79	63	25	16	97	30	10·3	7
November	7·2	2·5	11·7	−2·8	14·8	−6·3	92	86	49	32	17	39	15	6·3	19
December	4·1	0·8	9·1	−8·1	12·3	−16·7	92	89	45	20	17	27	12	6·6	23
Year	11·5	4·3	28·6*	−14·2*	32·2	−23·7	87	76	595	70	168	1681	37	16·4	97
No. of years	30	30	30	30	30	30	30	30	30	30	30	10	10	4	4

*Average of highest/lowest each year

DENMARK

Sandvig 55° 17′N 14° 47′E 11 m [Sunshine data for Bornholm 55° 06′N 14° 55′E 22 m 1950–60]

Period 1931–60 Bibliography 9, 10	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·3	−1·3	6·9	−7·0	10·8	−20·5	87	86	49	18	15	38	16	7·6	18
February	1·9	−2·0	6·4	−7·4	11·1	−14·6	88	86	37	17	13	55	20	9·8	12
March	3·8	−0·9	10·0	−5·4	15·6	−14·5	87	83	29	15	11	121	33	10·9	10
April	8·3	2·5	15·4	−1·3	23·5	−6·6	83	77	31	33	10	189	45	13·6	3
May	12·7	6·2	21·3	2·0	26·6	−1·6	82	75	32	21	9	271	54	15·2	2
June	17·6	11·2	24·4	6·8	30·1	3·7	82	75	42	38	9	284	55	15·8	1
July	20·4	14·5	25·9	11·3	30·3	8·4	83	77	58	34	10	257	49	15·6	2
August	19·9	14·7	25·1	11·6	32·6	8·7	85	78	58	70	11	224	48	13·8	1
September	16·6	11·9	21·6	7·5	27·9	4·2	85	79	55	54	12	181	47	12·4	2
October	11·9	7·7	16·2	2·9	19·6	−2·1	85	81	59	29	14	98	30	10·2	8
November	7·5	3·9	11·0	−0·6	15·5	−6·6	86	84	50	23	15	36	14	7·8	16
December	4·5	1·2	8·4	−3·4	12·1	−9·1	88	87	53	44	15	26	11	6·9	19
Year	10·6	5·8	26·9*	−8·6*	32·6	−20·5	85	81	553	70	144	1780	40	15·8	94
No. of years	30	30	30	30	30	30	30	30	30	30	30	11	11	11	11

Sorø Syd 55° 26′N 11° 34′E 46 m [Sunshine data for Tystofte 55° 15′N 11° 20′E 13 m]

Period 1931–60 Bibliography 9, 10	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·5	−2·6	6·8	−10·2	11·8	−24·5	89	86	58	26	17	52	21	8·2	16
February	1·8	−3·1	7·2	−9·8	13·0	−21·2	89	83	44	29	14	71	26	9·7	12
March	4·9	−1·0	11·1	−6·6	18·5	−17·1	88	75	36	28	12	137	37	11·3	8
April	10·4	3·1	17·6	−1·8	22·5	−7·0	81	65	39	23	12	185	44	13·8	3
May	15·8	7·3	22·9	2·5	26·7	−2·5	73	59	38	37	11	262	52	15·6	2
June	19·3	11·4	25·4	7·0	29·7	3·4	77	63	50	43	12	265	51	16·3	1
July	20·8	13·8	26·3	10·2	30·7	7·2	81	67	72	57	13	256	49	15·9	1
August	20·3	13·6	25·3	9·6	29·7	6·3	85	68	76	54	14	228	49	15·1	1
September	16·7	10·5	21·9	5·0	26·7	0·2	89	72	64	76	14	179	47	12·6	3
October	11·5	6·3	15·9	0·5	19·9	−4·5	91	79	59	32	15	108	33	10·5	8
November	6·9	3·0	10·9	−2·3	13·7	−6·2	91	86	54	23	18	49	19	8.4	14
December	3·6	0·2	8·5	−6·7	11·4	−15·0	91	90	56	24	19	34	15	7·1	18
Year	11·1	5·2	27·5*	−12·5*	30·7	−24·5	85	74	646	76	171	1826	41	16·3	87
No. of years	26	26	26	26	26	26	26	26	28	28	28	30	30	29	29

Strømmen 56° 27′N 10° 03′E 4 m [Sunshine data for Folkekuren Hald 56° 25′N 9° 21′E 25 m]

Period 1931–60 Bibliography 9, 10	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·0	−3·0	7·8	−12·1	9·9	−26·7	91	90	54	19	16	41	17	7·3	17
February	2·4	−3·6	8·2	−11·3	14·6	−23·4	90	85	39	20	14	67	25	9·9	12
March	5·4	−2·0	12·4	−8·5	18·9	−20·7	91	78	31	19	12	134	37	11·8	8
April	10·9	1·8	18·4	−4·1	23·9	−12·5	84	69	36	23	12	180	42	14·1	4
May	16·6	5·6	24·4	−0·4	30·5	−3·7	78	64	28	13	10	248	49	15·8	2
June	20·0	9·3	27·0	3·8	33·2	−0·4	77	63	47	46	12	247	47	16·1	1
July	22·0	11·8	28·2	6·8	33·8	3·9	82	66	78	62	13	239	45	16·2	1
August	21·2	11·4	27·2	6·2	32·8	2·6	87	68	78	70	14	211	45	14·8	2
September	17·5	8·5	22·9	2·2	28·3	−2·2	91	74	66	51	14	159	41	12·4	3
October	12·1	4·8	17·4	−1·6	20·5	−5·8	91	80	65	35	16	96	29	10·3	8
November	7·1	2·0	11·6	−3·9	15·0	−10·1	91	87	56	25	17	41	16	7·9	15
December	3·8	0·5	9·3	−8·3	14·2	−14·6	92	90	48	23	17	30	14	6·0	19
Year	11·7	3·9	29·6*	−15·0*	33·8	−26·7	87	76	626	70	167	1693	38	16·2	92
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	29	29

*Average of highest/lowest each year

DENMARK

Studsgård 56° 05′N 8° 55′E 54 m [Sunshine data for Lyngvig 56° 03′N 8° 06′E 4 m 1951–60]

Period 1931–60 Bibliography 9, 10	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	1·9	−3·4	7·4	−13·6	10·0	−25·4	93	92	68	28	16	41	17	7·5	16
February	2·2	−4·0	7·5	−12·1	12·9	−22·9	92	88	45	21	13	75	28	8·8	11
March	5·2	−2·1	12·1	−9·0	18·0	−19·3	92	81	39	22	11	126	34	11·5	8
April	10·6	1·4	18·3	−3·8	23·5	−6·7	88	73	41	27	12	185	43	13·6	4
May	16·4	5·0	24·7	−0·9	31·0	−4·3	79	64	39	23	11	226	45	15·0	2
June	19·3	8·6	27·3	2·7	33·9	−0·8	79	65	51	57	13	229	44	15·3	2
July	21·1	11·1	28·7	6·4	35·3	3·5	83	68	91	85	15	221	42	15·2	2
August	20·7	10·9	27·4	5·7	33·0	2·6	89	71	94	51	15	191	41	14·1	2
September	17·3	8·4	22·7	2·2	29·5	−2·3	93	75	86	42	16	167	43	12·6	3
October	11·9	4·6	17·1	−1·5	20·2	−6·9	95	82	90	39	16	92	28	10·8	8
November	7·0	1·7	11·4	−3·5	14·2	−8·1	95	90	72	27	18	41	16	8·2	16
December	4·1	−0·8	9·0	−9·4	12·3	−19·1	95	93	66	23	17	25	11	6·4	19
Year	11·5	3·4	29·8*	−16·1*	35·3	−25·4	89	78	782	85	173	1619	36	15·3	93
No. of years	30	30	30	30	30	30	29	29	30	30	30	10	10	9	9

Tylstrup 57° 11′N 9° 57′E 13 m

Period 1931–60 Bibliography 9, 10	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	1·8	−3·3	7·3	−12·0	10·6	−27·2	90	87	50	25	15	40	17	7·9	17
February	2·0	−4·1	7·3	−12·2	13·4	−23·5	89	83	36	44	11	72	27	9·6	12
March	4·8	−2·3	11·3	−9·8	17·5	−21·2	88	77	29	22	10	134	37	11·2	8
April	10·2	1·4	17·0	−4·0	23·1	−9·6	82	68	39	23	12	190	45	13·8	4
May	16·1	5·0	23·5	−0·6	31·1	−5·6	75	59	35	20	9	266	53	15·3	2
June	19·5	8·7	26·3	3·2	31·9	1·0	76	62	52	40	11	273	52	15·9	1
July	21·7	11·2	28·1	5·8	34·0	2·1	79	65	76	62	13	264	50	15·8	1
August	20·9	11·0	26·7	5·6	33·6	1·0	84	66	72	56	14	229	49	14·3	2
September	17·1	8·3	22·1	2·0	27·8	−1·3	89	71	74	61	15	165	43	12·4	3
October	11·8	4·5	16·7	−1·9	19·8	−7·0	91	77	71	27	15	102	31	10·0	8
November	7·0	1·6	11·4	−3·8	14·5	−7·8	91	86	64	23	17	46	18	7·8	15
December	4·0	−0·7	8·8	−9·4	12·7	−18·2	91	89	49	31	16	28	13	6·0	20
Year	11·4	3·4	29·0*	−15·3*	34·0	−27·2	85	74	647	62	158	1809	40	15·9	93
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30

Vestervig 56° 46′N 8° 19′E 19 m [Sunshine data for Erslev 56° 50′N 8° 45′E 14 m 1951–60]

Period 1931–60 Bibliography 9, 10	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	2·2	−1·9	6·9	−9·2	8·5	−22·9	91	89	69	30	17	39	16	7·3	17
February	2·1	−2·7	6·4	−9·2	13·2	−19·0	91	87	45	35	15	67	25	9·0	13
March	4·6	−1·1	10·6	−7·0	17·8	−17·7	90	81	38	29	12	123	34	11·1	10
April	9·3	2·5	16·3	−2·4	22·8	−5·9	85	75	39	27	12	186	44	13·5	4
May	14·7	6·3	23·2	0·9	28·0	−3·7	80	70	36	20	10	249	49	15·5	3
June	17·6	9·9	25·2	5·3	33·2	2·0	81	73	46	34	12	250	48	15·9	2
July	19·8	12·6	27·2	8·5	33·5	5·8	83	75	71	37	14	250	47	15·9	2
August	19·6	12·7	26·2	8·4	30·4	4·5	86	75	84	47	14	206	44	14·3	2
September	16·7	10·3	21·8	4·7	30·0	−0·7	88	77	81	49	17	165	43	12·6	3
October	11·8	6·3	16·5	0·3	19·4	−5·3	90	81	89	42	17	91	28	9·9	9
November	7·3	3·1	11·4	−1·9	13·3	−4·7	91	87	82	36	19	42	17	8·1	16
December	4·5	0·8	8·6	−5·9	11·5	−10·9	91	90	71	23	19	29	13	6·3	20
Year	10·8	4·9	28·5*	−11·8*	33·5	−22·9	87	80	751	49	178	1697	38	15·9	101
No. of years	30	30	30	30	30	30	30	30	30	30	30	10	10	9	9

*Average of highest/lowest each year

FINLAND

Ähtäri 62° 33′N 24° 09′E 154 m

Period 1931–60 Bibliography 11, 12	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−5·9	−12·6	2·3	−28·5	6·2	−40·8	88	87	40	15	20	—	—	—	—
February	−5·6	−13·0	2·2	−28·1	7·4	−40·0	87	82	30	13	18	—	—	—	—
March	−0·5	−11·0	7·3	−26·4	13·5	−36·7	87	69	28	26	14	—	—	—	—
April	5·8	−3·9	14·7	−15·4	21·1	−25·6	83	64	35	17	15	—	—	—	—
May	13·1	1·9	22·0	−4·6	27·7	−10·5	74	56	42	35	14	—	—	—	—
June	18·3	7·5	26·1	0·9	33·8	−2·4	74	59	60	42	15	—	—	—	—
July	21·4	10·9	27·9	5·1	32·2	1·3	80	62	80	50	16	—	—	—	—
August	19·2	9·4	25·1	2·9	29·8	−1·2	88	66	78	58	17	—	—	—	—
September	13·0	5·3	19·2	−2·3	25·6	−8·7	93	73	69	53	18	—	—	—	—
October	5·7	0·4	12·0	−8·8	15·5	−15·0	92	82	58	28	19	—	—	—	—
November	0·6	−3·7	6·8	−14·4	9·9	−24·4	91	89	49	21	21	—	—	—	—
December	−2·9	−8·1	3·6	−22·1	7·9	−37·0	90	89	42	16	21	—	—	—	—
Year	6·9	−1·4	28·8*	−31·9*	33·8	−40·8	86	73	611	58	208	—	—	—	—
No. of years	30	30	30	30	30	30	30	30	30	30	30	—	—	—	—

Helsinki (Helsingfors)/Ilmala 60° 12′N 24° 55′E 46 m

Period 1931–60 Bibliography 11, 12	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−3·4	−8·5	3·1	−21·2	6·8	−33·2	89	87	56	21	20	34	16	7·1	21
February	−3·9	−9·3	3·1	−19·6	11·8	−30·2	89	82	42	18	18	63	24	9·0	15
March	0·1	−6·8	7·5	−17·0	15·0	−26·0	86	70	36	22	14	135	37	11·8	9
April	6·4	−0·9	14·8	−8·2	20·5	−13·5	81	66	44	35	13	184	42	14·9	6
May	13·5	4·3	21·7	−1·2	26·1	−5·5	70	58	41	25	12	270	51	16·4	3
June	18·6	9·2	25·7	4·0	31·2	−0·3	72	59	51	35	13	294	52	17·5	2
July	21·6	12·5	27·9	8·3	33·1	5·4	76	63	68	88	14	295	53	17·4	1
August	20·1	11·7	25·5	6·6	30·1	3·5	83	67	72	60	15	251	52	15·9	2
September	15·0	7·5	20·1	0·9	24·3	−4·1	89	72	71	40	15	152	39	14·0	5
October	8·1	2·7	13·6	−4·6	17·8	−10·0	91	79	73	34	18	76	24	10·5	12
November	2·9	−1·0	8·1	−9·4	10·7	−16·3	90	86	68	35	19	30	13	7·7	21
December	−0·5	−4·8	3·2	−15·3	9·4	−27·8	90	89	66	40	20	18	10	5·7	24
Year	8·2	1·4	28·8*	−23·7*	33·1	−33·2	84	73	688	88	191	1802	40	17·5	121
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30

Inari 69° 04′N 27° 06′E 149 m

Period 1949–60 Bibliography 11	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−8·6	−18·4	1·9	−33·8	3·6	−41·4	—	—	22	13	14	—	—	—	—
February	−9·0	−16·5	0·3	−30·6	5·5	−41·5	—	—	19	7	13	—	—	—	—
March	−3·2	−13·7	4·4	−29·7	7·8	−38·1	—	—	15	9	10	—	—	—	—
April	1·8	−8·5	9·2	−21·3	13·4	−28·5	—	—	20	13	9	—	—	—	—
May	8·3	−0·4	15·8	−8·0	23·8	−11·6	—	—	29	15	13	—	—	—	—
June	14·0	5·5	23·6	0·0	27·6	−2·0	—	—	54	22	16	—	—	—	—
July	17·4	9·0	27·7	4·2	31·0	1·6	—	—	53	24	15	—	—	—	—
August	15·1	7·3	23·1	2·1	26·1	0·2	—	—	66	31	16	—	—	—	—
September	8·6	3·1	16·4	−3·2	23·8	−5·6	—	—	44	19	15	—	—	—	—
October	1·3	−3·1	8·8	−12·6	13·5	−18·2	—	—	28	14	13	—	—	—	—
November	−4·3	−10·4	3·1	−25·7	6·6	−35·5	—	—	25	12	13	—	—	—	—
December	−8·0	−17·6	0·5	−33·3	2·4	−40·0	—	—	30	10	15	—	—	—	—
Year	2·8	−5·3	28·2*	−37·4*	31·0	−41·5	—	—	405	31	162	—	—	—	—
No. of years	10	10	10	10	10	10	—	—	10	10	10	—	—	—	—

*Average of highest/lowest each year

FINLAND

Kajaani 64° 17′N 27° 41′E 134 m (Sunshine data for 1957–1966)

Period 1931–60 Bibliography 11, 12	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−7·4	−14·2	1·8	−28·5	6·4	−40·1	88	87	34	14	19	18	11	—	—
February	−7·2	−14·4	1·4	−27·9	5·5	−39·0	86	84	27	13	17	58	25	—	—
March	−2·1	−11·6	5·9	−26·1	11·8	−35·6	85	72	24	17	14	157	44	—	—
April	4·7	−4·2	13·3	−16·1	21·2	−25·8	80	63	35	26	15	186	42	—	—
May	11·8	1·5	20·9	−5·3	27·1	−10·9	71	55	38	41	12	237	42	—	—
June	17·8	7·7	26·3	0·5	30·6	−2·8	71	57	67	49	15	272	44	—	—
July	21·2	11·0	27·8	4·7	31·6	0·2	76	60	72	34	15	269	44	—	—
August	18·7	9·5	25·0	2·3	29·4	−3·5	85	65	72	43	15	188	37	—	—
September	11·9	4·9	18·2	−2·6	25·2	−7·6	91	73	63	34	16	112	29	—	—
October	4·5	−0·3	11·2	−8·9	15·0	−21·5	91	82	53	25	18	56	18	—	—
November	0·6	−5·0	6·0	−15·9	9·7	−25·8	91	89	43	16	19	17	9	—	—
December	−4·4	−10·1	2·7	−23·6	6·0	−36·8	89	89	36	15	19	6	5	—	—
Year	5·8	−2·1	28·6*	−31·8*	31·6	−40·1	84	73	564	49	194	1576	35	—	—
No. of years	30	30	30	30	30	30	29	29	30	30	30	10	10	—	—

Kuopio 62° 54′N 27° 41′E 110 m (Sunshine data for 1960–1966)

Period 1945–60 Bibliography 11	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−6·6	−13·6	1·7	−28·2	4·6	−37·4	88	87	33	13	19	22	12	—	—
February	−7·2	−14·4	1·8	−29·6	4·6	−38·3	87	83	20	11	17	52	22	—	—
March	−1·5	−11·5	6·1	−25·8	12·0	−32·0	86	72	19	14	11	155	43	—	—
April	5·5	−3·1	14·1	−14·1	20·5	−23·5	82	65	24	10	14	165	37	—	—
May	12·7	3·0	21·6	−2·8	26·8	−6·1	72	55	33	19	13	225	41	—	—
June	18·5	9·7	26·3	3·6	29·0	0·9	73	58	60	29	15	259	43	—	—
July	21·1	12·5	27·8	7·7	31·4	4·0	77	60	72	31	14	253	43	—	—
August	19·2	11·2	24·7	6·0	28·8	2·1	84	65	59	26	14	181	36	—	—
September	12·7	6·7	18·6	0·6	25·1	−1·9	91	72	56	28	15	113	29	—	—
October	5·4	0·8	11·5	−6·2	14·4	−13·2	91	82	47	18	18	65	21	—	—
November	−0·2	−4·4	6·4	−14·5	9·8	−21·2	91	89	36	16	20	20	10	—	—
December	−4·0	−9·4	2·8	−24·0	6·3	−41·1	91	90	39	15	21	8	5	—	—
Year	6·3	−1·0	28·5*	−33·3*	31·4	−41·1	84	73	498	31	191	1518	34	—	—
No. of years	16	16	16	16	16	16	15	15	16	16	16	7	7	—	—

Kuusamo 65° 58′N 29° 10′E 260 m

Period 1931–60 Bibliography 11	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−8·9	−17·3	0·3	−33·0	4·5	−41·8	87	87	31	11	14	—	—	—	—
February	−9·0	−17·4	−0·5	−32·7	4·1	−43·8	86	86	27	10	13	—	—	—	—
March	−4·1	−14·8	3·6	−32·5	9·5	−38·6	85	75	25	14	12	—	—	—	—
April	2·3	−7·5	10·0	−23·6	16·5	−31·8	84	68	32	11	12	—	—	—	—
May	9·1	−0·4	18·9	−7·6	24·5	−13·9	75	62	35	21	10	—	—	—	—
June	16·0	6·7	24·6	−0·3	29·2	−3·4	72	59	61	33	14	—	—	—	—
July	19·4	9·9	26·9	3·8	30·5	0·6	77	62	67	49	13	—	—	—	—
August	17·3	8·0	23·4	1·0	26·8	−2·4	86	68	71	33	14	—	—	—	—
September	10·0	3·3	16·7	−3·8	24·2	−11·4	90	74	57	34	14	—	—	—	—
October	2·5	−2·4	9·1	−12·8	12·3	−25·4	91	85	48	41	15	—	—	—	—
November	−2·5	−8·1	4·2	−22·3	9·5	−35·1	91	90	40	26	16	—	—	—	—
December	−6·1	−12·7	1·4	−27·7	3·3	−39·0	89	89	31	15	15	—	—	—	—
Year	3·8	−4·4	27·5*	−36·4*	30·5	−43·8	84	75	525	49	162	—	—	—	—
No. of years	28	28	28	28	28	28	24	24	29	29	29	—	—	—	—

*Average of highest/lowest each year

FINLAND

Mariehamn (Maarianhamina) 60° 07′N 19° 54′E 4 m

Period 1931–60 Bibliography 11, 12	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−0·8	−5·8	4·5	−17·5	8·4	−32·4	88	87	48	32	20	—	—	—	—
February	−1·5	−7·5	4·3	−17·4	11·2	−32·0	88	82	31	24	16	—	—	—	—
March	1·1	−6·0	7·6	−16·4	12·8	−25·9	89	76	26	17	13	—	—	—	—
April	6·2	−0·9	13·2	−8·1	18·7	−16·6	87	71	33	21	12	—	—	—	—
May	12·4	3·4	19·7	−2·4	24·9	−6·9	78	63	32	24	10	—	—	—	—
June	16·9	8·3	23·6	2·0	28·6	−3·2	78	65	37	25	11	—	—	—	—
July	20·5	12·1	26·6	6·3	31·3	0·1	82	67	45	56	12	—	—	—	—
August	19·5	11·6	24·4	5·5	31·0	−0·5	88	70	66	62	13	—	—	—	—
September	14·8	7·8	19·7	0·4	25·0	−5·4	91	74	64	40	16	—	—	—	—
October	9·0	3·7	13·9	−3·6	17·4	−11·9	89	79	57	29	18	—	—	—	—
November	4·6	0·8	8·6	−7·6	10·5	−18·1	90	86	62	20	19	—	—	—	—
December	1·8	−2·2	6·1	−11·6	10·3	−21·9	89	88	57	22	20	—	—	—	—
Year	8·7	2·1	27·0*	−20·5*	31·3	−32·4	86	76	558	62	180	—	—	—	—
No. of years	30	30	30	30	30	30	29	29	30	30	30	—	—	—	—

Oulu 65° 01′N 25° 29′E 17 m

(Sunshine data for 1962–1966)

Period 1931–60 Bibliography 11, 12	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−6·3	−13·3	2·5	−27·1	5·5	−39·5	87	87	33	17	16	22	14	—	—
February	−6·4	−13·6	1·6	−26·9	5·4	−33·9	88	86	28	18	15	63	27	—	—
March	−2·4	−11·2	4·9	−24·9	10·0	−34·0	87	76	23	16	12	153	43	—	—
April	4·2	−3·8	12·1	−15·6	20·1	−26·6	83	72	34	22	13	167	37	—	—
May	11·3	2·1	20·5	−3·7	28·0	−8·5	73	61	32	27	10	259	45	—	—
June	17·3	8·3	25·9	2·1	32·0	−0·7	72	63	49	23	13	289	44	—	—
July	21·1	11·8	28·1	6·4	33·3	3·0	76	64	70	85	14	289	46	—	—
August	18·9	10·2	25·2	4·0	29·2	−0·2	84	67	65	37	14	178	35	—	—
September	12·5	5·5	18·6	−1·8	26·0	−6·0	89	73	57	42	16	114	29	—	—
October	5·2	0·0	11·2	−8·8	14·3	−18·9	90	82	46	28	17	70	23	—	—
November	0·1	−4·6	6·5	−15·2	10·2	−27·0	90	89	41	15	18	22	12	—	—
December	−3·3	−9·1	3·4	−22·7	6·3	−33·0	88	88	36	15	18	6	5	—	—
Year	6·0	−1·5	28·7*	−30·0*	33·3	−39·5	84	76	514	85	176	1632	36	—	—
No. of years	30	30	30	30	30	30	24	24	30	30	30	5	5	—	—

Pallasjärvi 68° 01′N 24° 09′E 278 m

Period 1936–60 Bibliography 11	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1430							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−8·6	−17·2	−1·1	−32·4	5·6	−40·7	86	86	29	27	15	—	—	—	—
February	−8·8	−16·9	−0·3	−29·7	4·5	−40·2	86	82	26	10	16	—	—	—	—
March	−3·8	−13·5	4·9	−27·5	10·1	−34·4	85	72	24	14	14	—	—	—	—
April	1·9	−7·7	9·7	−20·6	13·6	−30·1	78	63	24	15	12	—	—	—	—
May	8·0	−0·9	17·1	−8·5	23·8	−14·2	72	60	26	35	11	—	—	—	—
June	15·0	5·5	24·5	−0·9	30·5	−4·1	71	59	48	29	13	—	—	—	—
July	18·5	8·9	26·6	3·4	29·4	1·1	78	63	63	45	14	—	—	—	—
August	16·2	6·9	22·4	0·6	26·6	−3·3	84	68	63	43	13	—	—	—	—
September	9·7	2·5	16·5	−4·2	22·6	−9·5	88	73	56	37	14	—	—	—	—
October	2·2	−3·3	8·9	−12·7	13·3	−19·9	90	82	34	23	13	—	—	—	—
November	−3·0	−9·5	3·5	−22·9	5·8	−32·2	89	89	38	18	15	—	—	—	—
December	−6·1	−13·7	1·8	−28·9	5·8	−36·9	88	88	36	15	15	—	—	—	—
Year	3·4	−4·9	27·3*	−34·9*	30·5	−40·7	83	74	467	45	165	—	—	—	—
No. of years	24	24	24	24	24	24	13	13	24	24	24	—	—	—	—

*Average of highest/lowest each year

FINLAND

Pielisjärvi 63°15′N 29°59′E 106 m

Period 1946–65 Bibliography 11	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−6·6	−13·8	1·4	−29·8	4·5	−38·0	89	89	37	16	14	—	—	—	—
February	−7·3	−14·9	1·3	−30·2	4·6	−38·6	88	87	25	11	11	—	—	—	—
March	−2·2	−12·3	5·0	−26·9	10·0	−32·6	87	73	19	11	8	—	—	—	—
April	5·2	−3·7	13·1	−15·9	17·5	−25·1	80	65	29	15	10	—	—	—	—
May	12·8	2·3	21·9	−4·5	26·0	−10·3	72	60	39	54	11	—	—	—	—
June	18·6	8·2	26·5	1·3	29·5	−3·0	73	63	59	30	14	—	—	—	—
July	20·7	10·2	27·2	4·5	31·0	−1·5	74	62	74	41	14	—	—	—	—
August	18·5	8·9	24·5	2·1	29·6	−2·5	83	69	71	57	14	—	—	—	—
September	12·5	5·2	18·7	−2·0	25·1	−4·5	91	76	56	36	13	—	—	—	—
October	5·4	0·3	10·9	−8·3	14·0	−16·2	91	86	54	23	14	—	—	—	—
November	−0·9	−5·5	6·4	−18·1	9·5	−25·6	91	89	40	20	14	—	—	—	—
December	−4·8	−10·9	2·6	−27·4	4·8	−39·0	90	90	41	18	15	—	—	—	—
Year	6·0	−2·2	28·1*	−34·2*	31·0	−39·0	84	76	544	57	152	—	—	—	—
No. of years	19	19	19	19	19	19	11	11	19	19	19	—	—	—	—

Punkaharju 61°48′N 29°17′E 88 m

Period 1931–60 Bibliography 11, 12	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−6·4	−13·0	1·8	−28·2	5·5	−37·7	87	86	40	15	20	—	—	—	—
February	−6·1	−13·4	2·1	−27·6	7·5	−38·2	86	81	30	12	17	—	—	—	—
March	−0·7	−10·5	7·1	−24·5	11·2	−32·5	84	68	25	15	13	—	—	—	—
April	6·2	−2·9	15·3	−13·7	20·2	−24·7	79	62	32	22	13	—	—	—	—
May	13·7	3·0	22·8	−3·5	28·3	−10·2	71	55	38	22	13	—	—	—	—
June	19·2	9·0	27·0	2·1	32·0	−2·7	73	57	52	28	15	—	—	—	—
July	22·3	12·4	28·8	6·8	33·0	3·8	77	61	67	48	16	—	—	—	—
August	20·1	11·2	25·6	5·5	30·5	2·9	83	66	72	33	16	—	—	—	—
September	13·8	6·6	19·9	−0·2	25·0	−4·7	89	72	61	29	19	—	—	—	—
October	6·4	1·4	12·5	−5·5	18·0	−9·7	90	80	60	35	20	—	—	—	—
November	0·8	−3·2	7·1	−11·8	10·3	−20·7	90	87	48	27	20	—	—	—	—
December	−3·4	−8·6	3·3	−21·6	7·6	−39·5	89	88	40	19	20	—	—	—	—
Year	7·2	−0·7	29·4*	−31·4*	33·0	−39·5	83	72	565	48	202	—	—	—	—
No. of years	30	30	30	30	30	30	30	30	30	30	30	—	—	—	—

Sodankylä 67°22′N 26°39′E 178 m

(Sunshine data for 1951–60)

Period 1931–60 Bibliography 11, 12	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−9·1	−19·0	1·4	−36·6	6·0	−45·6	87	87	27	13	19	8	6	5	27
February	−8·9	−18·9	0·1	−35·8	5·6	−43·6	86	84	26	12	17	48	22	8	14
March	−3·4	−15·8	4·9	−34·0	9·0	−38·9	86	69	20	10	14	132	37	12	9
April	2·6	−8·0	10·1	−24·2	16·4	−31·8	81	61	32	20	15	195	42	17	5
May	9·3	−0·3	18·6	−8·9	25·4	−14·5	69	53	31	20	13	221	36	19	3
June	16·3	5·9	25·3	−1·5	30·7	−5·0	67	53	56	33	16	281	39	24	2
July	20·2	8·8	28·1	1·8	31·5	−1·1	73	56	74	30	15	289	42	23	3
August	17·4	6·5	24·1	−1·6	28·6	−5·1	85	63	71	48	16	198	37	16	3
September	10·3	2·0	17·2	−5·9	24·0	−10·6	91	71	57	36	17	99	25	13	9
October	2·4	−4·1	9·5	−17·0	14·5	−25·9	91	82	43	26	17	66	22	11	15
November	−2·8	−10·0	3·8	−26·2	7·9	−40·3	91	90	39	17	19	23	14	7	22
December	−6·1	−14·7	2·3	−32·0	5·5	−43·1	89	89	31	12	19	0·3	<1	2	31
Year	4·0	−5·6	28·4*	−39·4*	31·5	−45·6	83	71	507	48	197	1560	34	24	143
No. of years	30	30	30	30	30	30	30	30	30	30	30	10	10	10	10

*Average of highest/lowest each year

FINLAND

Tampere 61° 28′N 23° 46′E 84 m

Period 1931–60 Bibliography 11, 12	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−4·6	−11·0	2·9	−26·0	7·4	−36·2	87	86	38	20	17	—	—	—	—
February	−4·4	−11·2	2·8	−25·3	9·0	−36·0	86	81	30	25	14	—	—	—	—
March	0·4	−8·8	7·7	−22·8	12·2	−30·5	86	69	25	22	11	—	—	—	—
April	7·0	−2·1	15·5	−12·4	21·5	−21·9	83	63	35	23	12	—	—	—	—
May	14·4	3·3	22·8	−3·6	28·3	−7·0	74	54	42	26	11	—	—	—	—
June	19·2	8·8	26·8	1·6	31·0	−2·3	73	56	48	42	12	—	—	—	—
July	22·4	12·2	28·6	5·6	32·6	1·1	78	59	76	44	14	—	—	—	—
August	20·3	10·6	26·0	3·7	31·7	−0·6	86	63	75	48	14	—	—	—	—
September	14·1	6·8	20·2	−1·5	26·7	−5·5	90	69	57	35	15	—	—	—	—
October	7·2	1·9	13·2	−6·4	17·1	−14·1	90	79	57	26	16	—	—	—	—
November	1·9	−2·2	7·6	−11·9	10·4	−21·6	90	87	49	27	18	—	—	—	—
December	−1·5	−6·4	4·4	−18·6	9·1	−31·9	89	88	41	21	18	—	—	—	—
Year	8·0	0·2	29·2*	−29·0*	32·6	−36·2	84	71	573	48	172	—	—	—	—
No. of years	30	30	30	30	30	30	29	29	30	30	30	—	—	—	—

Turku (Åbo) 60° 31′N 22° 16′E 49 m

(Sunshine data for 1957–1966)

Period 1931–60 Bibliography 11, 12	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−2·8	−9·4	3·8	−24·2	7·7	−35·5	88	86	43	23	19	38	18	—	—
February	−2·7	−10·3	3·6	−22·8	9·5	−34·1	87	80	27	17	14	76	30	—	—
March	0·8	−8·0	7·2	−21·4	13·0	−32·8	87	70	23	24	11	173	47	—	—
April	7·0	−1·9	15·6	−10·3	23·9	−21·0	84	64	33	20	12	187	43	—	—
May	14·4	3·3	22·8	−3·6	28·4	−6·6	74	53	30	21	10	258	49	—	—
June	18·9	8·3	26·5	1·6	31·6	−2·2	74	57	40	29	11	290	52	—	—
July	22·2	12·0	28·5	5·6	33·0	2·5	79	58	67	55	13	254	46	—	—
August	20·5	11·0	25·8	4·0	30·8	0·8	86	62	77	82	14	208	43	—	—
September	15·1	7·0	20·4	−1·7	27·8	−5·8	90	68	65	44	15	141	36	—	—
October	8·7	2·2	13·9	−6·1	17·4	−12·1	90	77	64	27	17	85	27	—	—
November	3·7	−1·4	8·7	−11·5	10·6	−22·3	90	85	58	31	18	37	16	—	—
December	0·2	−5·0	5·6	−17·6	9·1	−31·4	89	88	49	22	19	23	13	—	—
Year	8·8	0·7	29·2*	−27·2*	33·0	−35·5	85	71	576	82	173	1770	39	—	—
No. of years	30	30	30	30	30	30	28	28	30	30	30	10	10	—	—

Vaasa (Vasa) 63° 03′N 21° 46′E 6 m

(Sunshine data for 1957–1966)

Period 1931–60 Bibliography 11, 12	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−4·3	−11·0	3·7	−23·6	7·5	−32·1	89	89	35	18	15	30	17	—	—
February	−4·2	−11·2	3·0	−22·2	7·0	−33·4	88	85	21	10	13	77	32	—	—
March	−0·5	−10·0	6·7	−20·0	11·4	−34·1	88	75	20	14	10	168	47	—	—
April	5·6	−3·2	13·7	−11·3	19·7	−19·1	84	67	31	21	11	194	44	—	—
May	12·5	2·2	20·0	−2·5	29·0	−7·1	74	58	30	24	9	267	48	—	—
June	17·6	7·5	25·3	2·5	31·8	−1·9	75	60	48	36	11	312	52	—	—
July	21·3	10·8	27·7	6·6	30·6	1·8	79	63	62	52	12	272	46	—	—
August	19·4	9·5	25·0	4·9	29·3	0·5	87	67	65	36	13	206	41	—	—
September	13·4	5·3	19·1	−0·5	27·5	−5·0	90	73	66	51	14	141	37	—	—
October	6·9	0·7	12·3	−6·2	15·4	−14·7	91	81	52	23	15	82	27	—	—
November	1·8	−3·2	7·6	−11·7	10·5	−19·2	91	88	50	31	16	35	18	—	—
December	−1·2	−6·7	4·8	−17·3	7·9	−30·2	90	89	38	16	16	18	12	—	—
Year	7·4	−0·8	28·6*	−28·9*	31·8	−34·1	85	75	518	52	155	1802	40	—	—
No. of years	30	30	30	30	30	30	29	29	30	30	30	10	10	—	—

*Average of highest/lowest each year

FRANCE

Agen/La Garenne 44° 11′N 0° 36′E 59 m

Period 1931–60 Bibliography 13, 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						per cent		millimetres			hours		hours	
January	8·3	1·2	14·8	−6·6	18·2	−14·6	94	84	60	30	13	67	23	—	10
February	10·2	1·4	17·6	−7·4	21·9	−21·9	91	76	55	31	12	102	35	—	4
March	14·9	3·7	22·1	−3·7	25·3	−6·8	93	66	51	26	12	169	46	—	2
April	17·5	5·7	24·5	−1·0	30·2	−3·9	92	61	59	34	12	200	50	—	1
May	20·9	8·8	27·6	2·2	33·8	0·4	92	63	71	42	13	218	48	—	2
June	24·7	12·5	32·5	6·3	38·8	2·5	91	62	66	43	11	229	50	—	1
July	26·8	14·2	35·0	8·6	40·6	5·9	89	57	49	37	9	256	55	—	<1
August	26·8	14·2	34·7	8·0	41·0	5·8	91	56	56	47	10	243	56	—	1
September	24·0	12·3	30·3	4·8	33·9	2·6	95	63	55	31	10	193	51	—	1
October	18·5	7·8	25·7	−0·3	32·0	−5·0	96	71	55	32	11	153	45	—	3
November	12·4	4·5	19·7	−3·8	22·8	−8·2	95	82	58	56	12	77	26	—	8
December	8·6	2·3	16·4	−4·0	21·6	−10·5	94	85	80	32	14	49	18	—	12
Year	17·8	7·4	35·9*	−9·5*	41·0	−21·9	93	69	715	56	139	1956	44	—	45
No. of years	30	30	14	14	14	14	14	14	30	14	30	15	15	—	10

Ajaccio 41° 55′N 8° 48′E 4 m

Corsica

Period 1931–60 Bibliography 13, 14, 15, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						per cent		millimetres			hours		hours	
January	13·0	3·1	17·4	−1·1	20·6	−5·0	84	66	76	65	12	132	45	—	—
February	13·6	3·9	17·8	−0·5	23·3	−6·0	85	67	65	32	10	134	45	—	—
March	15·5	5·2	20·7	1·1	26·0	−3·8	85	67	53	31	9	197	53	—	—
April	17·6	7·1	23·4	3·6	29·3	−1·7	85	66	48	34	9	232	58	—	—
May	20·9	10·2	28·0	6·5	32·8	3·0	83	69	50	41	8	297	66	—	—
June	24·9	13·6	30·3	10·4	37·0	7·0	78	65	21	61	4	332	73	—	—
July	27·4	15·5	33·1	12·9	36·9	9·2	75	65	10	39	1	381	82	—	—
August	27·9	15·6	34·2	13·1	38·6	9·1	78	64	16	52	2	337	78	—	—
September	25·8	14·5	31·1	11·1	36·2	7·6	83	64	50	49	6	265	71	—	—
October	21·8	10·9	26·6	6·0	31·2	2·0	84	63	88	75	10	207	60	—	—
November	17·5	7·0	22·3	3·4	26·0	−2·0	87	66	97	68	11	142	48	—	—
December	14·5	4·2	19·1	0·3	22·2	−3·6	85	66	98	43	13	114	40	—	—
Year	20·0	9·2	35·1*	−2·0*	38·6	−6·0	83	66	672	75	95	2770	62	—	—
No. of years	30	30	21	21	21	21	17	17	30	15	30	11	11	—	—

Alençon 48° 27′N 0° 6′E 140 m

Period 1931–60 Bibliography 13, 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						per cent		millimetres			hours		hours	
January	6·0	0·1	12·6	−9·8	13·7	−16·1	92	85	76	24	17	54	20	—	—
February	7·3	0·5	14·7	−8·1	19·0	−14·4	91	77	57	23	14	84	29	—	—
March	11·6	2·4	19·5	−4·4	22·4	−8·4	91	69	51	25	13	145	39	—	—
April	14·6	4·2	22·8	−2·4	28·9	−5·2	91	61	48	26	12	199	49	—	—
May	18·1	7·1	25·5	0·5	31·0	−2·6	91	62	54	20	13	224	47	—	—
June	21·5	9·8	29·0	3·1	34·0	0·3	91	63	49	31	11	213	44	—	—
July	23·3	11·6	31·8	5·3	39·0	3·0	91	61	55	38	11	222	45	—	—
August	22·7	11·5	29·5	5·1	34·5	3·0	94	63	62	28	13	212	47	—	—
September	20·0	9·7	27·4	2·9	34·0	0·2	95	68	62	30	13	152	40	—	—
October	15·4	6·1	22·4	−2·0	26·3	−6·0	96	74	63	29	15	114	34	—	—
November	10·0	2·7	16·2	−5·0	20·6	−10·6	94	83	71	37	16	58	21	—	—
December	6·7	1·2	12·9	−6·2	16·4	−15·1	93	87	76	27	17	35	13	—	—
Year	14·8	5·6	32·8*	−11·7*	39·0	−16·1	93	71	724	38	165	1712	38	—	—
No. of years	30	30	15	15	15	15	15	15	30	15	30	14	14	—	—

*Average of highest/lowest each year

FRANCE

Auxerre 47°48′N 3°33′E 207 m

Period 1931–60 Bibliography 13. 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·6	−0·4	13·2	−8·7	16·2	−17·4	90	80	53	24	16	69	25	9·1	13
February	6·9	−0·2	15·6	−8·7	23·0	−18·8	89	74	47	18	14	88	31	10·9	7
March	12·5	2·5	20·8	−4·9	26·6	−11·2	88	61	40	23	12	168	46	12·1	4
April	15·9	5·1	24·7	−1·7	30·3	−3·6	86	54	48	26	13	209	51	14·6	2
May	19·5	8·5	27·8	1·4	31·3	−1·4	87	56	59	43	13	238	51	15·1	1
June	22·6	11·4	31·3	6·1	38·9	2·4	88	59	61	43	12	228	48	15·7	1
July	24·7	13·3	33·9	8·1	39·7	5·1	86	56	56	44	11	252	52	15·8	1
August	24·4	13·1	32·5	7·4	39·7	4·8	91	58	60	31	12	228	51	15·0	1
September	21·4	11·0	28·9	4·1	33·9	0·4	93	62	59	46	12	186	49	13·3	2
October	15·4	6·7	24·3	−1·5	27·8	−6·9	94	70	54	35	13	143	42	11·1	5
November	9·7	3·2	17·1	−4·7	22·1	−8·6	92	79	51	32	15	65	23	9·6	11
December	6·2	0·8	13·6	−6·6	18·4	−16·4	91	82	55	36	16	51	19	8·6	15
Year	15·4	6·2	34·6*	−11·5*	39·7	−18·8	90	66	643	46	159	1925	43	15·8	63
No. of years	30	30	15	15	15	15	15	15	30	15	30	15	15	14	14

Belfort 47°38′N 6°52′E 422 m

Period 1931–60 Bibliography 13, 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·9	−2·8	11·6	−9·6	15·4	−16·0	91	82	102	39	18	71	26	—	—
February	4·4	−2·0	13·8	−9·6	20·4	−21·4	90	78	82	34	14	119	41	—	—
March	10·3	1·4	19·7	−5·3	22·4	−12·4	88	66	75	35	13	139	38	—	—
April	14·0	4·4	23·1	−1·8	27·6	−5·2	85	59	69	28	14	178	43	—	—
May	18·5	7·9	26·7	1·3	31·0	−2·7	87	61	77	36	14	240	51	—	—
June	21·7	11·2	29·5	6·1	34·6	3·4	87	66	100	66	14	237	49	—	—
July	23·9	12·9	31·8	8·0	38·0	4·6	88	63	90	38	14	261	54	—	—
August	23·6	12·5	31·0	7·5	36·0	6·0	91	64	93	61	14	144	32	—	—
September	20·0	10·3	27·7	4·0	34·0	0·6	93	69	97	43	13	239	63	—	—
October	13·9	5·8	22·4	−1·4	27·0	−6·0	94	74	78	28	15	122	36	—	—
November	7·6	2·0	15·3	−4·3	19·6	−8·2	92	82	95	54	15	45	16	—	—
December	3·5	−1·1	12·3	−7·3	17·4	−13·4	92	86	80	68	16	50	19	—	—
Year	13·7	5·2	32·6*	−12·1*	38·0	−21·4	90	71	1038	68	174	1845	41	—	—
No. of years	30	30	15	15	15	15	15	15	30	15	30	3	3	—	—

Belle-Ile/Talut 47°18′N 3°13′W 37 m

Period 1931–60 Bibliography 13, 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	9·0	5·1	12·6	−1·8	14·0	−6·8	93	89	72	21	17	—	—	—	—
February	9·0	4·7	12·6	−2·4	14·0	−8·4	92	87	52	22	12	—	—	—	—
March	11·3	6·3	15·8	1·6	20·8	−2·2	93	85	46	32	12	—	—	—	—
April	13·6	7·8	19·4	3·1	24·4	0·8	93	81	40	26	10	—	—	—	—
May	16·4	10·2	24·0	5·7	27·4	3·8	92	83	40	27	11	—	—	—	—
June	19·2	12·9	25·7	8·4	34·0	6·0	92	83	29	17	8	—	—	—	—
July	20·5	14·5	27·9	10·5	33·8	8·2	93	83	33	25	10	—	—	—	—
August	21·2	14·9	27·1	10·5	31·0	8·6	94	82	47	34	10	—	—	—	—
September	19·3	13·8	23·7	9·5	28·0	6·8	94	85	55	68	12	—	—	—	—
October	15·9	11·3	20·2	5·4	22·8	2·0	94	87	68	81	13	—	—	—	—
November	12·4	8·3	16·0	2·6	18·0	0·0	93	89	73	28	16	—	—	—	—
December	10·1	6·3	13·8	0·9	16·0	−4·4	93	90	82	34	16	—	—	—	—
Year	14·8	9·7	29·5*	−3·8*	34·0	−8·4	93	85	637	81	147	—	—	—	—
No. of years	30	30	12	12	12	12	12	12	30	15	30	—	—	—	—

*Average of highest/lowest each year

FRANCE

Biarritz 43° 28′N 1° 32′W 69 m

Period 1931–60 Bibliography 13, 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	11·2	4·0	18·4	−3·2	22·0	−7·0	83	72	125	35	16	103	36	—	—
February	11·6	4·3	19·7	−3·6	28·9	−11·5	78	63	115	43	14	137	46	—	—
March	15·2	6·4	23·7	−0·1	29·8	−3·4	81	61	85	36	13	169	46	—	—
April	15·8	8·2	25·5	1·9	31·4	−1·3	84	66	90	30	15	201	50	—	—
May	18·4	11·0	27·1	5·4	31·9	3·0	87	69	110	55	17	231	51	—	—
June	21·6	14·0	30·7	9·0	39·0	7·0	87	71	100	50	14	237	51	—	—
July	23·4	16·0	31·3	10·7	35·6	6·4	89	73	90	150	13	199	42	—	—
August	23·8	15·9	33·5	11·2	38·2	7·2	90	69	125	78	13	248	57	—	—
September	22·4	14·5	29·2	8·5	34·6	5·6	91	71	140	153	14	172	46	—	—
October	18·8	10·7	25·9	3·9	30·0	1·0	89	70	165	101	15	130	38	—	—
November	14·5	7·3	21·1	0·0	24·6	−5·6	85	73	160	53	16	90	31	—	—
December	11·7	4·7	19·3	−1·6	23·4	−3·0	84	73	170	58	17	35	13	—	—
Year	17·4	9·7	34·9*	−5·6*	39·0	−11·5	86	69	1475	153	177	1952	44	—	—
No. of years	30	30	14	14	14	14	6	6	30	14	30	2	2	—	—

Bordeaux/Mérignac 44° 50′N 0° 42′W 46 m

Period 1931–60 Bibliography 13, 14, 15, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	9·2	1·7	15·6	−6·1	18·4	−12·4	93	80	90	39	16	80	28	—	—
February	10·5	2·0	17·2	−6·0	22·4	−15·2	91	73	75	34	13	101	34	—	—
March	14·9	4·2	22·3	−2·9	25·5	−6·1	91	64	63	32	13	172	47	—	—
April	17·3	6·1	25·1	−0·6	30·9	−4·8	91	60	48	33	13	203	50	—	—
May	20·3	9·1	27·9	2·6	33·6	−3·2	91	60	61	40	14	224	49	—	—
June	23·7	12·2	32·3	6·4	38·4	2·9	91	62	65	49	11	251	54	—	—
July	25·4	13·7	33·5	8·0	38·6	5·1	91	61	56	42	11	253	54	—	—
August	25·7	13·6	33·4	8·4	37·1	5·7	93	60	70	54	12	238	55	—	—
September	23·1	12·0	30·0	5·5	36·2	−1·7	96	67	84	44	13	190	50	—	—
October	18·1	8·2	25·1	0·2	30·4	−5·3	96	71	83	41	14	148	43	—	—
November	12·7	4·7	19·5	−3·3	23·9	−6·2	95	80	96	47	15	84	29	—	—
December	9·3	2·5	16·3	−5·0	21·2	−11·8	94	83	109	35	17	64	23	—	—
Year	17·5	7·5	35·2*	−8·5*	38·6	−15·2	93	68	900	54	162	2008	45	—	—
No. of years	30	30	21	21	21	21	17	17	30	15	30	30	30	—	—

Boulogne-sur-Mer 50° 44′N 1° 36′E 73 m

Period 1931–60 Bibliography 13, 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·0	1·9	11·5	−4·7	12·8	−10·8	88	85	57	26	18	—	—	—	—
February	6·2	2·0	12·3	−5·1	17·2	−13·6	87	83	45	18	14	—	—	—	—
March	9·2	3·3	16·9	−2·1	19·0	−6·2	87	77	37	14	13	—	—	—	—
April	11·8	6·1	20·5	1·6	26·0	−1·0	85	73	33	43	14	—	—	—	—
May	15·2	8·7	23·0	4·1	29·6	1·8	85	75	39	27	13	—	—	—	—
June	17·7	11·6	25·7	8·0	31·4	6·0	87	77	36	40	11	—	—	—	—
July	19·7	13·9	27·3	10·1	33·6	8·4	88	78	41	28	12	—	—	—	—
August	20·0	14·3	26·3	10·8	32·0	9·0	89	78	47	32	13	—	—	—	—
September	18·4	12·8	24·6	8·3	30·8	5·8	88	77	56	36	14	—	—	—	—
October	14·3	9·7	19·9	3·1	24·8	−3·0	87	78	65	25	14	—	—	—	—
November	10·0	5·7	14·6	−0·7	18·4	−5·2	87	83	87	44	16	—	—	—	—
December	7·2	3·2	12·5	−2·3	16·8	−7·6	88	86	56	19	18	—	—	—	—
Year	13·0	7·8	29·5*	−7·1*	33·6	−13·6	87	79	599	44	170	—	—	—	—
No. of years	30	30	13	13	13	13	13	13	30	13	30	—	—	—	—

*Average of highest/lowest each year

FRANCE

Brest 48° 27′N 4° 25′W 98 m

Period 1931–60 Bibliography 13, 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·6	3·7	12·7	−3·4	14·5	−14·0	89	83	133	42	22	67	25	9·0	11
February	8·8	3·3	14·0	−3·7	19·3	−13·4	89	80	96	34	16	85	30	10·2	7
March	11·6	4·7	17·2	−0·4	21·4	−4·4	90	75	83	47	15	142	39	12·0	5
April	13·0	5·7	19·7	0·9	24·8	−0·7	92	71	69	55	15	190	46	13·0	3
May	15·4	8·0	22·9	3·1	28·6	1·4	93	72	68	38	14	220	47	14·6	2
June	18·1	10·6	24·3	6·3	28·8	4·3	94	74	56	39	13	209	43	15·0	2
July	19·4	12·0	26·4	7·9	35·2	6·3	95	74	62	26	14	210	43	15·0	3
August	19·7	12·4	25·9	8·4	33·7	6·6	95	73	80	48	15	207	46	13·4	2
September	18·2	11·3	23·3	6·3	29·0	4·0	95	75	90	37	16	156	41	11·6	3
October	15·2	8·7	20·9	2·8	25·3	−0·8	92	78	104	33	19	120	36	10·6	4
November	11·5	6·3	15·6	0·7	18·8	−4·0	91	82	138	48	20	69	25	9·2	9
December	9·4	4·3	13·2	−1·4	16·2	−5·0	90	85	150	57	22	54	21	8·1	12
Year	14·1	7·6	29·2*	−5·9*	35·2	−14·0	92	77	1129	57	201	1729	39	15·0	63
No. of years	30	30	15	15	15	15	15	15	30	15	30	15	15	14	14

Caen 49° 10′N 0° 25′W 66 m

Period 1931–60 Bibliography 13, 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·3	1·4	13·1	−6·9	14·6	−13·3	90	82	68	31	17	79	29	—	—
February	7·7	1·5	14·6	−6·2	20·8	−16·5	89	77	55	39	14	99	35	—	—
March	11·1	2·8	19·0	−3·2	24·4	−7·3	90	71	44	21	12	173	47	—	—
April	13·5	4·9	21·7	−0·8	25·2	−2·6	90	65	47	21	13	204	50	—	—
May	16·9	7·8	24·5	2·7	30·4	−0·8	91	66	54	27	14	246	52	—	—
June	19·8	10·2	27·2	5·0	33·1	3·3	91	67	43	33	12	228	47	—	—
July	21·8	12·1	29·9	7·7	36·6	5·4	91	64	50	23	13	229	47	—	—
August	21·7	12·3	28·0	7·5	32·8	5·7	92	64	57	34	13	225	50	—	—
September	19·8	10·6	26·8	5·2	33·4	1·8	92	68	65	30	13	178	47	—	—
October	15·5	7·5	21·9	0·1	26·3	−2·8	92	72	72	82	15	131	39	—	—
November	10·6	4·3	16·4	−2·4	19·3	−6·2	91	80	75	28	16	81	29	—	—
December	7·9	2·4	13·5	−4·3	16·8	−11·1	90	84	60	27	17	60	23	—	—
Year	14·5	6·5	31·3*	−9·1*	36·6	−16·5	91	72	690	82	169	1933	43	—	—
No. of years	30	30	15	15	15	15	15	15	30	15	30	10	10	—	—

Cannes 43° 33′N 6° 57′E 3 m

Period 1931–60 Bibliography 13, 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	12·3	2·9	18·2	−2·4	21·8	−7·6	76	58	75	57	9	—	—	—	—
February	12·7	3·4	18·6	−2·0	22·0	−8·6	76	57	84	72	7	—	—	—	—
March	14·3	5·5	19·9	0·1	24·0	−2·9	80	61	91	47	8	—	—	—	—
April	16·7	7·7	21·8	2·4	26·2	0·3	82	64	78	115	9	—	—	—	—
May	20·2	11·4	25·0	6·0	28·8	2·3	82	67	67	93	9	—	—	—	—
June	23·7	14·7	28·7	10·8	31·2	8·1	81	67	46	65	5	—	—	—	—
July	26·7	16·8	32·9	13·2	38·0	8·8	78	65	18	49	2	—	—	—	—
August	26·5	16·5	31·7	12·4	34·3	10·5	80	62	27	41	4	—	—	—	—
September	24·4	14·6	29·0	9·5	30·4	6·6	82	60	80	95	7	—	—	—	—
October	20·1	10·8	25·1	5·1	27·2	1·4	83	61	118	76	9	—	—	—	—
November	16·0	6·8	20·5	1·7	23·9	−0·9	81	61	172	84	9	—	—	—	—
December	13·5	4·5	18·4	−0·7	22·0	−3·6	79	63	135	161	9	—	—	—	—
Year	18·9	9·6	33·5*	−4·3*	38·0	−8·6	80	62	991	161	87	—	—	—	—
No. of years	12	12	12	12	12	12	12	12	12	12	30	—	—	—	—

*Average of highest/lowest each year

FRANCE

Carcassonne 43°13′N 2°20′E 123 m

Period 1931–60 Bibliography 13, 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	9·1	1·9	16·5	−4·7	21·1	−8·4	90	77	53	29	14	—	—	—	—
February	10·7	2·2	18·1	−5·0	22·6	−13·6	87	68	50	64	12	—	—	—	—
March	14·4	5·1	21·1	−1·5	24·0	−4·8	88	64	55	34	13	—	—	—	—
April	17·1	7·1	23·5	0·6	31·0	−1·6	86	60	60	115	13	—	—	—	—
May	20·6	10·4	27·1	5·0	31·0	1·0	87	61	75	68	14	—	—	—	—
June	24·8	13·8	31·5	8·8	36·2	6·0	86	59	52	48	10	—	—	—	—
July	27·7	15·8	33·6	11·3	37·0	8·4	83	55	38	41	9	—	—	—	—
August	27·4	15·8	32·3	10·6	35·0	8·8	86	57	47	27	10	—	—	—	—
September	23·9	13·9	29·6	7·6	32·0	3·0	90	61	50	65	10	—	—	—	—
October	18·7	9·7	24·7	1·4	29·0	−2·6	90	67	53	27	12	—	—	—	—
November	13·4	5·7	19·5	−1·9	26·2	−6·3	90	74	55	73	13	—	—	—	—
December	9·5	3·3	16·0	−2·5	18·9	−5·8	90	79	77	72	15	—	—	—	—
Year	18·1	8·7	34·4*	−7·1*	37·0	−13·6	88	65	665	115	145	—	—	—	—
No. of years	30	30	13	13	13	13	13	13	30	13	30	—	—	—	—

Cherbourg 49°39′N 1°38′W 8 m

Period 1931–60 Bibliography 13, 14, 15, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·4	4·4	12·8	−1·1	14·4	−6·1	83	79	109	38	19	56	21	—	—
February	8·4	4·1	13·2	−1·4	18·4	−10·0	82	76	75	28	15	60	21	—	—
March	10·3	5·2	16·4	−0·3	22·5	−4·1	83	74	62	45	13	143	39	—	—
April	12·2	7·0	18·3	2·8	24·1	0·3	83	73	49	28	12	163	39	—	—
May	15·0	9·3	21·8	5·4	30·0	3·5	85	73	41	21	11	204	43	—	—
June	17·8	12·0	24·2	8·3	31·4	6·0	86	74	39	38	10	214	44	—	—
July	19·4	13·8	25·6	10·9	31·8	7·9	86	74	55	36	12	233	47	—	—
August	19·5	14·1	25·3	11·1	32·9	9·0	88	75	71	52	12	218	49	—	—
September	18·5	13·1	23·5	9·2	30·3	6·2	86	74	79	62	15	151	40	—	—
October	15·3	10·4	20·5	5·2	25·8	3·2	84	73	99	44	16	74	22	—	—
November	11·9	7·5	16·2	2·1	18·8	−0·6	83	77	133	43	17	45	16	—	
December	9·5	5·4	13·3	−0·4	16·8	−5·7	84	79	119	35	19	47	19	—	—
Year	13·9	8·9	28·2*	−3·4*	32·9	−10·0	84	75	931	62	171	1608	36	—	—
No. of years	30	30	21	21	21	21	17	17	30	15	30	5	5	—	—

Clermont-Ferrand 45°48′N 3°9′E 329 m

Period 1931–60 Bibliography 13, 14, 15, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·7	−1·1	15·0	−10·2	19·0	−17·5	84	73	25	17	12	77	27	—	—
February	8·3	−0·8	17·3	−10·6	25·9	−19·6	81	65	25	22	11	100	34	—	—
March	13·1	1·9	21·0	−6·9	24·9	−16·0	81	56	29	23	9	159	43	—	—
April	15·9	4·5	24·9	−3·1	31·3	−6·4	80	53	43	28	12	178	44	—	—
May	19·5	7·7	27·7	0·4	31·4	−2·9	82	56	67	45	12	209	45	—	—
June	23·1	11·3	31·6	5·2	37·4	1·8	82	56	72	45	12	229	49	—	—
July	25·4	12·9	34·1	6·8	39·3	3·8	80	52	51	45	9	262	55	—	—
August	25·2	12·7	33·7	6·4	39·6	2·8	82	54	68	55	10	241	55	—	—
September	22·1	10·7	30·4	2·7	34·4	−2 8	86	57	61	41	10	178	47	—	—
October	16·6	6·2	25·0	−2·9	28·8	−8·2	88	61	49	40	11	137	40	—	—
November	10·9	2·8	19·0	−5·8	23·4	−10·0	86	71	40	32	12	83	29	—	—
December	7·2	0·0	16·0	−9·1	19·4	−25·8	84	74	33	43	12	63	23	—	—
Year	16·2	5·7	35·3*	−14·3*	39·6	−25·8	83	61	563	55	132	1916	43	—	—
No. of years	30	30	21	21	21	21	17	17	30	15	30	30	30	—	—

*Average of highest/lowest each year

FRANCE

Dijon 47°16′N 5°06′E 220 m

Period 1931–60 Bibliography 13, 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·4	−1·6	12·0	−9·3	16·5	−16·6	90	82	64	26	16	68	24	9·2	13
February	6·5	−0·9	14·2	−8·0	19·7	−19·6	88	75	42	21	13	94	32	10·9	8
March	12·3	2·0	20·2	−4·3	23·5	−10·4	86	61	42	33	10	189	51	12·7	3
April	15·8	5·1	23·8	−0·7	26·6	−3·9	81	53	46	27	11	210	51	14·2	2
May	19·8	8·7	27·1	2·4	30·2	−0·4	81	55	64	30	12	248	53	15·7	2
June	23·0	12·1	30·5	6·6	36·0	3·9	82	57	81	110	12	251	53	16·1	1
July	25·1	13·9	32·9	9·1	37·2	5·3	80	53	58	62	11	271	56	16·0	0
August	24·7	13·5	32·1	8·9	36·0	5·4	84	56	77	63	11	244	55	15·1	1
September	21·3	10·9	28·1	5·4	33·0	0·8	88	61	72	57	11	211	56	13·3	2
October	15·3	6·4	22·8	−0·5	25·8	−3·8	91	69	60	53	12	148	44	11·7	4
November	9·1	2·7	15·8	−4·2	21·6	−9·4	91	79	76	52	14	70	25	9·9	11
December	4·8	−0·3	12·7	−6·7	16·0	−13·8	91	84	57	38	14	45	17	8·3	16
Year	15·2	6·0	33·6*	−12·0*	37·2	−19·6	86	65	739	110	147	2049	46	16·1	63
No. of years	30	30	15	15	15	15	15	15	30	15	30	15	15	14	14

Dinard 48°36′N 2°5′W 63 m

Period 1931–60 Bibliography 13, 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·1	2·8	13·5	−4·0	15·4	−6·4	87	79	67	26	19	89	33	—	—
February	8·5	2·7	15·1	−3·8	18·7	−11·0	85	73	57	20	14	118	41	—	—
March	11·5	4·0	17·9	−1·4	20·3	−4·7	88	68	43	21	14	162	44	—	—
April	13·3	5·8	20·1	0·9	23·3	−0·3	89	65	39	42	13	189	46	—	—
May	16·5	8·5	24·4	3·3	28·2	1·9	91	67	55	26	13	257	54	—	—
June	18·8	11·0	26·2	6·3	31·6	4·5	93	71	57	29	11	260	54	—	—
July	20·5	12·9	28·2	8·5	35·4	7·0	94	73	55	37	12	241	49	—	—
August	20·6	13·0	27·0	8·8	32·2	6·9	95	72	64	37	12	219	49	—	—
September	19·2	11·8	24·2	7·2	28·0	5·3	93	72	72	30	14	195	51	—	—
October	15·7	8·9	20·7	3·3	24·8	0·4	92	75	63	27	16	128	38	—	—
November	11·2	5·7	16·1	−0·4	18·3	−2·7	89	79	71	25	17	84	30	—	—
December	8·8	3·7	14·0	−1·4	17·6	−4·8	90	83	83	28	19	65	25	—	—
Year	14·4	7·6	30·3*	−5·4*	35·4	−11·0	91	73	726	42	174	2007	45	—	—
No. of years	30	30	11	11	11	11	11	11	11	11	30	4	4	—	—

Embrun 44°34′N 6°30′E 871 m

Period 1931–60 Bibliography 13, 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·8	−4·7	11·7	−10·6	16·7	−16·2	69	54	49	31	9	143	50	—	—
February	7·3	−3·1	15·0	−10·4	20·2	−18·8	69	49	43	47	8	165	56	—	—
March	11·6	0·4	18·7	−6·4	23·6	−11·7	68	41	48	68	8	227	61	—	—
April	15·3	3·2	21·6	−3·0	26·4	−5·3	72	39	51	32	9	235	58	—	—
May	19·2	7·0	25·6	−0·4	29·3	−2·5	76	43	61	29	11	256	56	—	—
June	22·9	10·1	28·7	4·1	32·8	−0·8	78	45	62	39	10	282	60	—	—
July	26·0	12·0	31·4	6·4	34·0	3·4	75	40	48	36	7	325	69	—	—
August	25·0	11·9	30·6	6·0	33·9	3·7	77	42	65	49	8	284	65	—	—
September	21·8	9·5	27·5	3·0	31·4	−0·2	80	49	70	41	8	250	66	—	—
October	15·9	5·3	22·5	−1·4	23·4	−5·3	77	51	70	43	9	203	59	—	—
November	10·0	0·5	16·2	−5·1	19·5	−9·0	75	54	68	49	10	142	49	—	—
December	5·6	−3·3	12·9	−8·6	15·0	−14·6	71	57	65	87	10	136	50	—	—
Year	15·4	4·1	31·9*	−13·4*	34·0	−18·8	74	47	700	87	107	2648	59	—	—
No. of years	30	30	13	13	13	13	13	13	30	13	30	13	13	—	—

*Average of highest/lowest each year

FRANCE

Gourdon 44°45′N 1°23′E 205 m

Period 1931–60	Temperature						Relative humidity		Precipitation			Bright sunshine			
Bibliography 13, 14, 16	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						per cent		millimetres			hours		hours	
January	8·4	0·5	15·6	−7·2	18·6	−12·3	91	78	66	25	16	80	28	—	10
February	9·9	0·9	17·8	−8·0	23·9	−17·9	88	68	59	22	14	107	36	—	4
March	14·7	3·9	22·1	−3·7	24·8	−6·3	86	58	56	25	13	158	43	—	3
April	17·3	5·8	25·3	−0·5	30·6	−2·2	86	55	60	41	12	195	48	—	2
May	20·6	8·8	28·0	2·4	32·8	−1·9	88	58	80	51	13	214	47	—	2
June	24·2	12·0	32·1	6·3	37·9	2·8	89	59	70	81	12	229	49	—	1
July	26·3	13·5	34·5	8·7	40·0	6·1	88	56	52	60	11	260	55	—	<1
August	26·1	13·3	34·4	8·1	39·8	5·8	91	57	74	45	12	236	54	—	<1
September	23·1	11·6	29·9	4·6	34·7	2·0	93	63	65	40	12	190	50	—	1
October	17·9	7·4	25·6	−1·5	30·6	−4·2	95	68	67	92	13	155	45	—	4
November	12·2	4·1	20·1	−4·8	24·1	−8·7	93	76	70	40	14	86	30	—	7
December	8·5	1·7	16·0	−5·4	21·4	−12·0	91	79	82	33	15	62	23	—	13
Year	17·4	7·0	35·5*	−10·1*	40·0	−17·9	90	65	801	92	157	1972	44	—	47
No. of years	30	30	14	14	14	14	14	14	30	15	30	15	15	—	10

Grenoble 45°10′N 5°44′E 223 m

Period 1931–60	Temperature						Relative humidity		Precipitation			Bright sunshine			
Bibliography 13, 14, 16	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						per cent		millimetres			hours		hours	
January	5·5	−2·5	13·4	−9·8	17·2	−18·8	88	76	80	43	14	80	28	—	—
February	7·9	−1·5	16·4	−8·7	22·2	−20·0	86	67	75	37	11	115	39	—	—
March	13·3	2·0	20·9	−4·5	23·6	−10·3	87	59	60	32	11	179	49	—	—
April	16·3	5·0	24·0	−1·4	27·6	−3·6	87	57	65	33	12	194	48	—	—
May	20·3	8·6	28·6	2·3	34·8	−0·4	88	59	80	55	14	236	51	—	—
June	23·6	12·0	30·8	5·9	35·3	2·6	87	59	90	67	11	258	55	—	—
July	26·4	13·8	33·7	8·9	39·4	6·7	86	57	70	135	10	291	61	—	—
August	25·6	13·4	33·5	8·0	38·2	5·6	90	59	95	92	11	259	59	—	—
September	22·2	11·2	28·5	5·0	33·0	1·6	94	64	100	85	11	199	53	—	—
October	16·2	6·7	23·6	−0·5	25·3	−4·2	93	70	95	44	12	136	40	—	—
November	10·3	2·7	18·7	−4·3	25·2	−7·2	90	76	95	56	13	74	26	—	—
December	5·8	−1·2	15·9	−7·4	19·4	−11·0	89	79	80	68	14	64	23	—	—
Year	16·1	5·8	34·4*	−12·7*	39·4	−20·0	89	65	985	135	144	2085	47	—	—
No. of years	30	30	15	15	15	15	15	15	30	15	30	14	14	—	—

La Rochelle 46°09′N 1°10′W 1 m

Period 1931–60	Temperature						Relative humidity		Precipitation			Bright sunshine			
Bibliography 13, 14, 16	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						per cent		millimetres			hours		hours	
January	8·5	3·2	13·1	−5·2	15·0	−11·0	91	83	71	27	16	—	—	—	—
February	9·4	3·4	15·5	−4·4	20·2	−11·1	89	77	56	35	13	—	—	—	—
March	12·9	5·7	19·4	−0·6	23·1	−5·3	89	71	50	30	13	—	—	—	—
April	15·4	7·9	23·0	1·1	28·6	−1·0	87	66	42	27	12	—	—	—	—
May	18·6	10·7	26·5	4·0	33·6	1·9	87	65	48	35	12	—	—	—	—
June	21·7	13·9	30·1	8·8	38·4	5·9	84	65	45	22	11	—	—	—	—
July	23·3	15·7	32·1	10·8	39·0	8·1	82	62	48	39	10	—	—	—	—
August	23·6	16·0	31·5	10·8	36·4	9·7	87	65	48	27	12	—	—	—	—
September	21·8	13·9	27·5	8·0	34·6	5·4	90	69	66	29	13	—	—	—	—
October	17·4	10·3	23·6	2·6	25·8	−2·0	91	72	74	39	13	—	—	—	—
November	12·2	6·9	17·3	−1·4	19·8	−4·8	91	82	92	35	16	—	—	—	—
December	9·2	4·3	14·3	−3·5	18·4	−12·1	91	84	87	33	17	—	—	—	—
Year	16·2	9·3	34·4*	−6·7*	39·0	−12·1	88	72	727	39	158	—	—	—	—
No. of years	30	30	13	13	13	13	12	12	30	13	13	—	—	—	—

*Average of highest/lowest each year

FRANCE

Le Mans 47° 56′N 0° 12′E 52 m

Period 1931–60 Bibliography 13, 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·0	0·6	13·5	−8·7	15·0	−15·1	90	82	65	19	17	75	27	8·3	11
February	8·3	0·8	15·8	−7·9	21·0	−17·0	89	74	55	22	14	98	34	10·2	6
March	12·6	2·6	20·4	−5·1	24·9	−8·6	90	66	45	23	13	166	45	12·6	4
April	15·6	4·8	24·2	−2·3	30·2	−4·9	90	57	45	30	13	217	53	13·7	2
May	19·3	8·1	27·4	0·3	32·3	−3·7	89	58	55	21	15	235	50	15·2	1
June	22·7	11·3	30·7	4·7	36·3	1·6	89	59	55	50	12	234	49	16·0	1
July	24·6	13·0	33·4	6·1	40·4	3·9	89	57	45	24	12	250	52	15·3	1
August	24·3	12·6	30·9	6·3	34·2	3·2	93	60	60	34	14	227	51	15·5	1
September	21·3	10·5	28·4	3·3	34·4	−0·5	94	64	60	23	14	181	48	12·9	2
October	16·1	7·0	23·8	−2·2	29·7	−5·4	95	71	60	36	14	138	41	10·9	4
November	10·8	3·9	17·3	−5·1	21·9	−12·0	93	81	60	33	16	74	26	9.4	9
December	7·4	1·6	13·9	−6·0	18·2	−16·3	92	85	65	29	17	52	20	8·3	14
Year	15·8	6·4	34·4*	−11·1*	40·4	−16·3	91	68	670	50	171	1947	43	16·0	56
No. of years	30	30	15	15	15	15	15	15	30	15	30	15	15	14	14

Le Puy-en-Velay 45° 03′N 3° 54′E 714 m

Period 1931–60 Bibliography 13, 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·6	−2·7	12·6	−11·5	15·8	−16·9	87	76	30	39	14	85	30	9·8	7
February	6·2	−2·2	15·6	−11·3	23·8	−23·3	86	68	29	35	12	108	37	10·4	3
March	10·4	0·6	18·4	−6·8	22·5	−17·7	86	58	38	47	11	172	47	12·1	2
April	13·5	3·0	22·1	−3·5	28·0	−5·8	84	54	49	29	12	191	47	13·6	3
May	17·3	6·4	24·9	−0·3	30·0	−2·6	84	55	76	58	14	219	48	14·4	2
June	21·5	9·6	30·1	3·9	35·8	1·2	86	55	79	52	13	249	53	15·0	1
July	24·2	11·5	32·1	6·1	38·3	2·3	83	50	55	58	10	285	60	14·8	0
August	23·9	11·3	32·5	5·3	37·4	2·3	86	51	61	47	11	254	58	14·3	1
September	20·6	9·2	28·4	2·3	32·7	−0·3	89	56	75	76	11	200	53	12·9	2
October	14·7	5·1	22·9	−2·8	26·5	−5·8	91	64	56	47	12	141	41	11·1	2
November	9·1	1·7	16·3	−6·5	18·8	−12·7	88	73	50	61	13	89	31	9·9	5
December	5·1	−1·2	12·8	−8·6	17·0	−12·2	87	78	37	41	15	68	25	8·9	9
Year	14·3	4·4	33·4*	−14·8*	38·3	−23·3	86	61	635	76	148	2061	46	15·0	37
No. of years	30	30	15	15	15	15	15	15	30	15	30	30	30	14	14

Lille 50° 34′N 3° 06′E 44 m

Period 1931–60 Bibliography 13, 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·0	0·1	11·8	−6·9	13·3	−13·1	90	84	53	21	18	59	22	8·8	13
February	5·9	0·2	13·1	−7·2	18·9	−17·8	90	80	44	18	14	77	27	10·2	9
March	10·1	2·3	18·3	−3·6	22·0	−8·7	90	72	37	17	13	130	35	12·6	6
April	13·7	4·6	22·2	−1·2	27·6	−2·9	90	62	42	29	14	177	43	14·2	3
May	17·4	7·5	25·3	1·3	30·7	−1·0	89	62	50	34	13	199	41	14·8	1
June	20·5	10·2	28·8	4·8	34·8	1·8	90	65	51	49	12	205	42	15·8	2
July	22·2	12·2	30·6	6·7	36·1	4·0	92	64	63	38	13	200	40	15·0	2
August	22·4	12·4	29·6	7·5	35·6	3·9	93	64	63	24	13	179	40	13·8	1
September	19·6	10·5	27·3	4·7	33·8	1·2	91	66	57	48	14	150	39	13·4	3
October	14·4	7·0	21·7	−0·4	26·4	−4·4	94	74	63	23	14	112	34	11·4	5
November	9·0	3·7	14·8	−2·8	18·5	−7·6	93	84	60	22	16	51	19	9·0	12
December	5·8	1·1	12·5	−5·3	15·7	−14·0	92	87	54	21	17	39	16	7·4	17
Year	13·8	6·0	32·3*	−10·4*	36·1	−17·8	91	72	637	49	171	1578	35	15·8	74
No of years	30	30	15	15	15	15	15	15	30	15	30	15	15	14	14

*Average of highest/lowest each year

FRANCE

Limoges 45°49′N 1°17′E 282 m

Period 1931–60 Bibliography 13, 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	7·0	−0·5	14·3	−9·9	16·9	−18·2	89	77	89	30	17	73	26	—	—
February	8·3	−0·2	16·4	−9·8	22·3	−21·7	88	69	76	33	14	94	32	—	—
March	12·9	1·8	20·4	−5·8	24·0	−9·4	87	60	66	31	13	164	45	—	—
April	15·5	3·9	24·0	−2·9	29·7	−4·7	87	54	65	27	13	188	46	—	—
May	19·1	7·0	26·8	−0·3	32·0	−3·9	88	56	80	43	14	214	46	—	—
June	22·7	10·2	31·0	3·8	36·7	1·8	88	58	67	48	12	237	50	—	—
July	24·6	11·6	32·7	5·8	38·8	3·2	88	55	71	38	12	240	50	—	—
August	24·2	11·5	31·8	5·4	38·2	2·7	91	58	74	46	12	225	51	—	—
September	21·4	9·5	27·8	2·1	32·3	−0·6	93	62	84	55	12	183	48	—	—
October	16·5	5·5	24·0	−2·8	27·0	−5·4	93	66	80	50	14	142	42	—	—
November	11·2	2·9	18·9	−5·9	25·3	−10·2	90	74	88	48	15	79	28	—	—
December	7·4	0·5	14·4	−7·4	19·6	−14·0	90	79	94	30	17	64	24	—	—
Year	15·9	5·3	33·6*	−12·8*	38·8	−21·7	89	64	934	55	165	1903	43	—	—
No. of years	30	30	15	15	15	15	15	15	30	15	30	30	30	—	—

Lyon/Bron 45°43′N 4°57′E 200 m

Period 1931–60 Bibliography 13, 14, 15, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	5·4	−0·9	13·5	−8·1	17·7	−16·5	89	80	52	37	15	63	22	8·6	12
February	7·4	−0·3	15·5	−8·7	21·9	−21·4	87	72	46	44	12	98	33	10·0	6
March	12·8	2·9	19·9	−4·0	22·8	−10·0	87	60	53	43	11	176	48	12·0	3
April	16·3	5·7	23·0	−0·7	30·1	−4·4	84	56	56	56	11	202	50	13·8	3
May	20·3	9·3	27·6	3·4	32·0	0·6	83	56	69	47	13	239	52	15·1	2
June	24·1	12·8	31·8	6·8	36·8	2·3	82	55	85	71	11	258	55	15·4	1
July	26·6	14·8	34·1	9·7	39·5	6·4	79	50	56	40	10	284	60	15·2	0
August	26·0	14·4	33·5	9·0	39·7	6·4	85	54	89	59	11	254	58	14·0	1
September	22·6	11·9	29·4	5·2	35·8	0·7	89	60	93	89	11	198	52	12·6	2
October	16·2	7·3	24·1	−0·3	27·9	−4·5	92	69	77	47	12	133	39	11·3	4
November	10·2	3·6	17·7	−3·3	22·9	−8·0	91	78	80	81	14	65	23	9·4	10
December	6·0	0·3	14·2	−6·1	18·9	−19·5	90	80	57	81	14	48	18	7·8	13
Year	16·1	6·8	35·1*	−11·4*	39·7	−21·4	87	64	813	89	145	2018	45	15·4	57
No. of years	30	30	21	21	21	21	17	17	30	15	30	30	30	14	14

Marseille/Marignane 43°27′N 5°13′E 4 m

Period 1931–60 Bibliography 13, 14, 15, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	10·0	1·5	15·5	−5·4	18·2	−10·7	82	68	43	40	8	131	45	—	—
February	11·5	2·1	17·6	−4·9	21·9	−16·8	81	60	32	81	6	154	52	—	—
March	15·0	5·1	19·8	−2·8	24·0	−10·0	80	57	43	42	7	191	52	—	—
April	17·9	7·6	22·8	0·7	28·5	−2·4	79	54	42	47	7	235	58	—	—
May	21·8	11·1	27·4	4·8	31·3	0·0	78	54	46	45	8	278	61	—	—
June	26·1	14·7	31·3	9·0	37·4	5·4	72	50	24	39	4	306	66	—	—
July	28·9	17·1	33·7	11·9	39·0	7·8	69	45	11	26	2	353	75	—	—
August	28·3	17·0	33·0	11·1	37·2	8·6	75	49	34	46	5	312	72	—	—
September	25·1	14·7	29·8	7·4	34·3	1·0	81	54	60	67	6	247	66	—	—
October	19·8	10·4	25·2	1·4	28·7	−1·0	84	61	76	86	8	189	55	—	—
November	14·7	6·0	19·9	−1·9	22·8	−5·4	85	66	69	44	9	140	48	—	—
December	10·9	3·0	16·9	−4·0	20·2	−10·8	83	68	66	46	10	118	42	—	—
Year	19·2	9·2	34·6*	−7·4*	39·0	−16·8	79	57	546	86	80	2654	59	—	—
No. of years	30	30	21	21	21	21	17	17	30	15	21	21	21	—	—

*Average of highest/lowest each year

FRANCE

Millau 44° 06′N 3° 03′E 409 m

Period 1931–60 Bibliography 13, 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	7·4	−0·4	14·1	−8·2	16·2	−16·0	86	70	55	30	14	85	29	—	6
February	9·0	−0·2	16·8	−8·0	22·1	−18·6	83	63	45	41	12	116	39	—	3
March	13·1	2·7	20·5	−4·1	24·2	−7·6	83	56	60	35	13	167	45	—	3
April	15·9	5·0	23·3	−1·2	29·6	−5·4	82	50	56	29	12	198	49	—	2
May	19·7	8·3	26·8	2·3	32·6	−0·4	82	51	69	58	13	229	50	—	2
June	23·9	11·5	31·5	6·0	36·8	3·2	83	50	60	64	11	254	55	—	1
July	26·6	13·5	34·0	8·8	38·0	6·0	80	44	44	39	8	295	63	—	<1
August	26·1	13·4	33·7	8·3	38·8	5·5	84	47	68	47	10	256	59	—	<1
September	22·7	11·2	29·9	5·0	32·8	1·7	88	53	74	53	10	208	55	—	1
October	17·3	7·3	24·3	−0·5	29·3	−2·9	89	60	62	44	13	161	47	—	3
November	11·8	3·4	18·1	−5·1	22·2	−10·3	87	68	54	46	13	95	33	—	6
December	7·7	0·8	13·4	−5·0	16·4	−9·2	86	73	83	137	15	63	23	—	9
Year	16·8	6·4	34·8*	−10·6*	38·8	−18·6	84	57	730	137	144	2127	48	—	36
No. of years	30	30	14	14	14	14	14	14	30	15	30	15	15	—	10

Montélimar 44° 35′N 4° 44′E 73 m

Period 1931–60 Bibliography 13, 14, 15, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	7·3	0·8	14·9	−5·5	17·0	−10·0	82	70	62	78	10	113	39	—	—
February	9·5	1·4	17·0	−5·5	21·4	−17·0	81	62	43	50	8	138	47	—	—
March	14·2	4·2	20·9	−2·1	23·3	−6·0	82	55	80	91	9	194	53	—	—
April	17·6	5·6	24·1	0·4	29·4	−2·2	82	52	69	52	9	234	58	—	—
May	21·5	9·9	28·0	3·9	33·4	0·3	82	53	94	77	10	268	58	—	—
June	25·7	13·5	32·7	8·0	37·8	4·4	78	50	61	62	8	300	64	—	—
July	28·7	15·9	35·1	11·3	39·7	7·5	74	43	49	47	5	336	71	—	—
August	28·0	15·5	34·8	10·8	40·0	7·0	82	48	79	96	8	300	69	—	—
September	24·0	13·2	30·0	7·2	35·8	4·0	87	54	145	181	8	236	63	—	—
October	17·9	8·9	24·7	1·9	28·8	−1·6	88	63	114	79	10	178	52	—	—
November	12·0	4·9	18·7	−1·3	22·4	−4·2	87	70	112	77	11	116	40	—	—
December	7·9	2·0	15·8	−3·5	19·9	−9·8	85	73	90	90	12	92	33	—	—
Year	17·9	8·1	36·0*	−7·7*	40·0	−17·0	83	58	998	181	108	2505	56	—	—
No. of years	30	30	21	21	21	21	17	17	30	15	30	30	30	—	—

Montpellier/Fréjorgues 43° 35′N 3° 58′E 5 m

Period 1931–60 Bibliography 13, 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	10·5	1·2	17·9	−5·9	20·6	−15·0	82	63	56	74	8	145	50	—	4
February	12·0	1·7	18·5	−5·9	21·2	−16·7	79	55	30	37	6	166	56	—	3
March	14·9	5·0	20·8	−2·4	26·2	−6·4	83	59	72	54	8	206	56	—	4
April	17·6	7·5	24·2	1·6	29·8	−0·9	80	57	56	36	8	251	62	—	2
May	21·0	10·8	26·9	5·4	32·6	1·4	79	58	47	53	9	275	60	—	2
June	25·5	14·0	31·2	8·8	34·5	5·4	75	52	33	85	5	323	70	—	1
July	28·5	16·2	33·7	11·9	36·7	9·2	70	46	20	30	3	369	79	—	0
August	27·7	16·2	33·1	11·1	36·3	8·2	79	51	40	101	6	304	70	—	<1
September	24·6	14·0	30·1	7·8	34·0	5·0	85	55	100	110	7	249	66	—	1
October	19·8	9·6	25·0	1·9	27·3	−0·6	86	59	95	117	9	185	54	—	3
November	14·9	5·4	20·8	−2·0	24·3	−5·0	83	61	70	77	9	145	50	—	5
December	11·1	2·3	17·4	−3·3	19·3	−7·1	84	66	90	104	10	124	45	—	6
Year	19·0	8·7	34·5*	−7·9*	36·7	−16·7	80	57	709	117	88	2742	61	—	31
No. of years	30	30	14	14	14	14	14	14	30	15	30	15	15	—	10

*Average of highest/lowest each year

FRANCE

Mont-Ventoux 44°10′N 5°17′E 1912 m

Period 1931–60 Bibliography 13, 14, 15, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−1·5	−5·9	6·9	−13·5	12·0	−20·2	78	79	72	31	10	—	—	—	—
February	−1·2	−5·6	6·6	−14·2	11·2	−26·8	79	79	41	16	8	—	—	—	—
March	0·5	−3·5	7·1	−10·9	13·4	−17·6	79	80	72	36	9	—	—	—	—
April	3·0	−1·5	10·6	−9·0	17·2	−12·3	80	82	67	36	9	—	—	—	—
May	7·2	2·2	14·1	−4·8	17·1	−9·5	80	81	94	45	11	—	—	—	—
June	11·6	5·9	19·2	−0·9	24·6	−4·8	75	76	75	56	8	—	—	—	—
July	14·4	8·4	21·3	1·6	24·6	−1·4	69	69	38	38	5	—	—	—	—
August	13·9	8·2	20·8	1·6	25·0	−1·6	71	71	74	47	7	—	—	—	—
September	11·0	5·9	17·9	−0·8	22·0	−6·2	76	76	102	118	9	—	—	—	—
October	6·4	1·8	13·6	−6·0	18·2	−11·2	79	80	131	71	11	—	—	—	—
November	2·4	−1·8	8·4	−8·0	14·0	−11·6	81	80	115	95	11	—	—	—	—
December	−0·4	−4·7	7·3	−10·7	11·1	−15·6	82	82	95	55	11	—	—	—	—
Year	5·6	0·8	22·4*	−16·1*	25·0	−26·8	77	78	966	118	109	—	—	—	—
No. of years	30	30	18	18	18	18	17	17	30	15	30	—	—	—	—

Nancy 48°42′N 6°14′E 212 m

Period 1931–60 Bibliography 13, 14, 15, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						per cent		millimetres			hours		hours	
January	3·7	−1·8	11·4	−10·8	14·0	−17·6	89	83	67	30	16	48	18	—	—
February	5·4	−1·7	13·6	−10·7	20·0	−24·8	89	78	55	26	13	79	28	—	—
March	11·0	0·5	19·6	−7·9	23·2	−13·3	90	65	41	23	12	152	41	—	—
April	14·8	3·8	23·3	−3·4	29·3	−6·8	88	59	49	19	13	165	40	—	—
May	19·0	7·3	26·8	−0·2	32·5	−4·2	88	60	54	33	13	219	46	—	—
June	22·0	10·8	29·7	4·8	36·0	1·6	88	63	77	85	13	207	43	—	—
July	23·7	12·6	31·5	6·8	36·2	3·7	88	61	60	32	12	214	44	—	—
August	23·6	12·1	30·9	6·2	34·6	3·9	92	62	67	31	13	203	46	—	—
September	20·4	9·7	27·9	2·2	33·7	−1·3	94	67	65	26	12	164	43	—	—
October	14·5	5·4	22·1	−3·0	25·8	−7·9	94	74	55	32	13	110	33	—	—
November	8·6	2·3	15·5	−5·3	21·3	−9·7	93	83	61	28	15	51	18	—	—
December	4·5	−0·6	12·4	−8·6	14·8	−15·6	91	86	61	72	16	36	14	—	—
Year	14·3	5·0	32·6*	−13·8*	36·2	−24·8	90	70	712	85	161	1648	37	—	—
No. of years	30	30	21	21	21	21	17	17	30	15	30	16	16	—	—

Nantes 47°15′N 1°33′W 41 m

Period 1931–60 Bibliography 13, 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						per cent		millimetres			hours		hours	
January	7·7	2·2	13·3	−5·2	15·1	−11·4	93	84	71	23	18	76	27	8·8	9
February	8·9	2·3	15·9	−5·0	21·9	−12·6	91	78	58	27	14	96	33	10·0	6
March	12·8	4·2	19·9	−1·9	22·4	−4·8	92	70	52	33	14	163	44	11·6	4
April	15·3	5·9	22·6	1·0	28·0	−0·5	92	62	45	24	12	201	49	14·2	2
May	18·5	8·7	26·4	3·3	33·6	0·4	93	63	54	51	14	235	50	15·0	1
June	21·9	11·7	29·5	7·2	38·0	4·7	93	63	45	35	12	247	52	15·5	1
July	23·5	13·5	32·0	9·5	40·1	6·8	93	61	47	24	13	250	52	15·7	1
August	23·7	13·3	29·7	9·3	35·6	7·5	94	63	60	32	12	233	53	13·7	1
September	21·0	11·6	27·5	6·5	33·4	3·6	95	69	73	43	14	176	47	12·2	2
October	16·3	8·0	23·4	0·9	27·4	−2·6	95	75	76	43	15	135	40	11·6	3
November	11·1	5·0	17·2	−2·6	21·0	−5·5	94	82	81	62	16	77	27	9·0	8
December	8·2	2·9	13·9	−3·4	18·2	−10·0	93	86	79	30	18	63	24	8·3	12
Year	15·8	7·4	33·4*	−7·1*	40·1	−12·6	93	71	741	62	172	1952	44	15·7	50
No. of years	30	30	15	15	15	15	15	15	30	15	30	30	30	14	14

*Average of highest/lowest each year

FRANCE

Nevers 47° 00′N 3° 06′E 176 m

Period 1931–60 Bibliography 13, 14, 15, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·3	−·07	13·3	−9·0	15·2	−18·0	89	79	67	25	17	83	30	—	—
February	7·6	−0·4	15·5	−9·1	23·5	−21·8	89	73	55	28	15	113	39	—	—
March	12·8	1·8	20·7	−6·1	26·7	−14·0	88	62	48	34	12	177	48	—	—
April	15·6	3·8	24·2	−2·6	30·0	−5·6	87	57	51	117	13	208	51	—	—
May	19·3	7·6	27·0	−0·1	30·4	−4·8	87	59	76	46	14	253	54	—	—
June	22·5	10·8	30·8	5·4	35·2	3·3	88	61	75	37	12	244	51	—	—
July	24·6	12·2	33·0	6·7	38·7	3·4	87	58	60	58	12	255	53	—	—
August	24·2	12·0	32·2	6·0	40·0	2·9	90	58	68	38	13	252	57	—	—
September	21·5	9·8	29·3	2·6	33·9	−4·0	92	63	67	63	13	215	57	—	—
October	16·0	5·8	23·8	−2·7	26·1	−8·9	93	71	69	54	14	158	47	—	—
November	10·1	3·0	17·6	−5·1	22·7	−9·8	90	77	66	81	15	82	29	—	—
December	6·5	0·6	14·2	−7·7	19·2	−16·8	90	81	70	38	16	62	23	—	—
Year	15·6	5·5	33·8*	−12·8*	40·0	−21·8	89	67	772	117	166	2102	47	—	—
No. of years	30	30	21	21	21	21	17	17	30	15	30	10	10	—	—

Nice 43° 39′N 7° 12′E 5 m

Period 1931–60 Bibliography 13, 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	12·5	4·2	18·3	0·3	22·2	−1·6	73	62	68	52	9	148	51	9·9	6
February	13·3	4·6	18·0	0·7	21·0	−4·6	73	62	61	75	7	165	56	11·4	5
March	14·8	6·7	18·6	2·3	21·2	−1·5	79	67	73	58	8	196	53	12·0	4
April	17·1	9·0	22·2	5·1	26·0	3·2	80	69	73	117	9	243	60	15·1	2
May	20·4	12·5	24·8	8·2	29·9	5·1	79	70	68	53	8	272	60	14·8	1
June	23·9	16·0	27·9	12·3	31·2	10·6	78	71	35	45	5	312	67	16·0	0
July	26·5	18·2	31·4	15·3	34·0	12·8	75	69	20	91	2	362	77	16·0	0
August	26·6	18·0	31·4	14·5	35·8	11·4	78	70	27	60	4	324	75	14·2	0
September	24·8	16·3	28·5	13·0	32·0	10·0	79	67	77	88	7	263	70	13·3	1
October	20·7	12·0	24·9	7·7	28·6	4·2	79	65	124	96	9	200	58	11·5	3
November	16·5	8·0	20·2	4·2	22·8	1·2	76	64	129	147	9	153	53	10·4	4
December	13·2	5·0	17·7	1·6	22·0	−2·2	75	62	107	126	9	137	49	9·4	6
Year	19·2	10·9	32·3*	−1·0*	35·8	−4·6	77	67	862	147	86	2775	62	16·0	32
No. of years	30	30	15	15	15	15	15	15	30	15	30	15	15	14	14

Orléans 47° 59′N 1° 45′E 125 m

Period 1931–60 Bibliography 13, 14, 15, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·8	−0·1	12·8	−7·7	15·0	−15·4	92	84	51	36	16	64	23	—	—
February	7·2	0·2	14·4	−7·6	19·2	−14·5	90	76	44	35	13	88	31	—	—
March	12·0	2·2	19·6	−4·6	26·5	−8·0	89	65	39	22	12	160	43	—	—
April	15·3	4·5	23·1	−1·9	29·8	−4·4	88	56	44	33	12	182	45	—	—
May	18·8	7·9	26·5	1·3	31·0	−3·0	88	57	53	41	13	224	48	—	—
June	22·3	11·0	30·4	5·1	36·2	1·0	88	59	48	44	11	221	46	—	—
July	24·3	12·8	32·7	7·3	40·3	4·5	87	56	49	64	11	235	49	—	—
August	23·9	12·8	31·2	7·5	35·9	4·2	90	58	59	47	12	213	48	—	—
September	20·9	10·6	28·4	4·2	33·8	−0·8	92	62	49	44	12	172	45	—	—
October	15·5	6·7	23·1	1·1	27·4	−5·3	93	70	56	33	13	126	37	—	—
November	9·8	3·4	16·8	−3·9	21·8	−6·6	93	81	53	31	15	60	21	—	—
December	6·3	1·0	13·3	−5·8	18·2	−15·3	92	86	55	42	16	46	17	—	—
Year	15·2	6·1	33·6*	−10·0*	40·3	−15·4	90	67	600	64	156	1791	40	—	—
No. of years	30	30	21	21	21	21	17	17	30	15	30	18	18	—	—

*Average of highest/lowest each year

FRANCE

Paris/Montsouris 48° 49′N 2° 20′E 75 m

Period 1931–60 Bibliography 13, 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·0	0·9	13·3	−5·8	14·5	−12·2	88	80	56	17	17	59	22	8·7	11
February	7·4	1·3	15·1	−5·2	21·4	−14·7	87	73	46	21	14	82	29	10·0	7
March	12·2	3·6	20·5	−1·4	25·7	−4·2	85	63	35	20	12	159	43	11·4	2
April	15·8	6·3	24·3	1·4	30·2	−0·4	82	54	42	28	13	195	47	13·0	2
May	19·7	9·5	27·4	4·5	32·6	2·2	83	55	57	40	12	231	49	14·0	0
June	22·9	12·7	31·1	8·2	37·6	5·7	83	58	54	57	12	243	50	14·9	1
July	24·6	14·5	33·2	10·6	40·4	9·0	83	57	59	77	12	241	49	15·0	1
August	24·0	14·3	31·1	9·6	35·1	7·9	87	61	64	55	13	219	49	13·6	0
September	21·1	11·9	28·6	7·1	33·4	2·7	90	65	55	29	13	179	47	12·7	1
October	15·6	7·9	23·9	1·4	28·2	−3·0	91	71	50	36	13	126	37	10·6	5
November	10·0	4·5	16·5	−1·7	20·8	−4·8	91	79	51	23	15	60	22	9·0	9
December	6·6	2·0	13·3	−3·8	16·5	−12·6	90	82	50	40	16	46	18	8·2	13
Year	15·5	7·5	34·2*	−7·8*	40·4	−14·7	87	67	619	77	162	1840	41	15·0	52
No. of years	30	30	15	15	15	15	15	15	30	15	30	30	30	8	8

Perpignan 42° 44′N 2° 52′E 43 m

Period 1931–60 Bibliography 13, 14, 15, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	11·8	3·7	19·3	−2·7	22·6	−6·4	76	61	39	59	7	159	55	10·4	3
February	12·9	4·5	20·6	−2·8	26·5	−11·0	73	58	52	109	6	170	57	11·0	2
March	15·9	7·1	22·3	0·7	26·2	−2·7	76	58	66	42	8	199	54	12·7	2
April	18·7	9·5	24·5	3·9	30·4	1·7	74	55	39	39	7	231	57	13·7	2
May	21·8	12·7	28·2	7·7	33·1	5·7	76	56	51	59	9	249	55	14·9	2
June	25·9	16·3	31·9	11·8	36·5	9·1	72	53	38	91	7	271	59	16·4	1
July	28·8	18·8	34·5	14·9	37·4	12·4	69	47	24	45	5	312	67	15·0	0
August	28·4	18·7	34·2	14·6	38·7	11·6	73	52	31	37	6	276	64	14·3	0
September	25·2	16·5	31·9	10·7	36·8	7·4	78	56	82	186	7	227	60	13·6	2
October	20·3	12·1	26·4	4·9	29·1	1·2	77	60	74	97	8	186	54	12·0	2
November	15·8	7·9	22·3	1·6	25·4	−2·0	78	62	56	55	6	147	50	10·5	2
December	12·5	5·2	18·7	−0·6	21·5	−5·0	76	64	87	113	9	133	47	9·4	5
Year	19·8	11·1	35·7*	−4·4*	38·7	−11·0	75	57	639	186	85	2560	57	16·4	23
No. of years	30	30	21	21	21	21	17	17	30	15	30	21	21	14	14

Pic-du-Midi-de-Bigorre 42° 56′N 0° 09′E 2860 m

Period 1931–60 Bibliography 13, 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−4·6	−10·0	4·3	−19·6	10·1	−26·8	68	67	124	65	16	136	47	—	—
February	−4·8	−10·6	2·7	−19·4	10·0	−32·9	69	68	74	35	14	141	47	—	—
March	−2·3	−8·3	3·9	−15·7	7·9	−21·3	71	70	74	43	14	181	49	—	—
April	−0·5	−7·1	5·9	−14·9	10·6	−20·8	73	75	80	41	16	178	44	—	—
May	2·7	−3·9	8·7	−11·2	12·8	−14·3	77	80	61	25	18	188	41	—	—
June	7·0	0·6	13·5	−6·8	18·0	−11·4	77	81	71	31	13	207	45	—	—
July	10·5	3·7	16·1	−3·4	19·3	−7·0	66	71	52	36	11	282	61	—	—
August	10·1	3·5	16·1	−3·2	18·0	−6·5	72	73	90	73	11	257	59	—	—
September	7·2	1·2	13·1	−6·3	16·4	−9·8	73	74	82	43	14	202	54	—	—
October	2·3	−3·0	9·9	−10·9	16·8	−18·2	72	75	82	73	15	167	49	—	—
November	−1·3	−6·8	5·9	−13·5	9·1	−18·4	68	67	98	50	16	145	49	—	—
December	−4·4	−9·4	3·5	−17·1	7·3	−23·4	72	71	125	57	17	120	43	—	—
Year	1·8	−4·2	17·2*	−22·2*	19·3	−32·9	72	73	1013	73	175	2204	49	—	—
No. of years	30	30	15	15	15	15	15	15	15	15	30	14	14	—	—

*Average of highest/lowest each year

FRANCE

Poitiers 46°35′N 0°19′E 118 m

Period 1931–60 Bibliography 13, 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	6·9	0·7	13·8	−7·6	17·4	−14·2	92	82	60	25	16	75	27	—	—
February	8·3	1·0	15·7	−7·1	20·8	−16·8	91	76	49	29	13	92	32	—	—
March	12·9	3·1	20·6	−3·8	25·1	−7·6	91	67	48	27	13	154	42	—	—
April	15·7	5·1	24·2	−1·1	28·9	−2·8	88	59	47	28	12	205	50	—	—
May	19·2	8·2	26·6	1·8	31·9	−2·2	91	60	58	31	14	216	46	—	—
June	22·9	11·4	31·3	6·0	36·6	2·3	90	61	48	71	11	230	48	—	—
July	24·8	13·1	33·4	8·0	40·8	4·9	88	56	45	33	10	254	53	—	—
August	24·6	13·0	32·2	7·8	39·0	5·4	92	59	47	50	11	222	50	—	—
September	21·6	11·1	28·2	5·0	34·6	1·8	95	65	57	41	12	186	49	—	—
October	16·3	7·2	24·7	−1·0	28·9	−4·1	96	70	59	58	12	155	46	—	—
November	10·8	4·1	18·6	−4·2	22·4	−8·1	94	81	61	25	15	71	25	—	—
December	7·6	1·7	14·2	−5·4	18·8	−14·6	93	85	66	54	16	56	21	—	—
Year	16·0	6·6	34·7*	−10·1*	40·8	−16·8	92	68	645	71	155	1916	43	—	—
No. of years	30	30	15	15	15	15	15	15	30	15	30	15	15	—	—

Reims 49°18′N 4°02′E 94 m

Period 1931–60 Bibliography 13, 14, 15, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	5·0	−1·0	12·5	−9·5	15·1	−19·2	91	82	49	19	17	65	24	—	—
February	6·5	−0·6	13·9	−9·3	21·6	−19·9	89	77	44	18	15	87	30	—	—
March	11·6	1·4	19·8	−5·5	24·0	−10·4	89	65	36	34	12	155	42	—	—
April	15·0	4·2	23·3	−2·2	29·4	−7·7	89	57	41	27	13	171	42	—	—
May	19·1	7·4	26·8	−0·5	32·4	−2·1	88	57	52	32	13	213	45	—	—
June	22·2	10·6	30·2	4·7	38·3	−0·4	88	59	51	32	13	219	45	—	—
July	23·9	12·6	32·5	7·3	37·7	3·1	87	59	57	35	12	221	45	—	—
August	23·6	12·5	31·2	6·7	36·2	3·8	91	60	63	29	13	201	45	—	—
September	20·6	10·1	27·9	2·8	33·0	−2·2	93	64	58	35	12	165	43	—	—
October	15·0	6·1	22·5	−2·2	27·0	−8·6	93	70	47	35	13	122	36	—	—
November	9·3	3·0	15·8	−4·2	20·0	−8·5	92	81	48	28	16	59	21	—	—
December	5·9	0·3	12·7	−6·8	16·7	−16·0	92	85	52	47	16	51	20	—	—
Year	14·8	5·6	33·6*	−12·3*	38·3	−19·9	90	68	598	47	164	1729	37	—	—
No. of years	30	30	21	21	21	21	17	17	30	15	30	30	30	—	—

Rennes 48°04′N 1°43′W 35 m

Period 1931–60 Bibliography 13, 14, 15, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	7·8	1·8	13·5	−5·5	15·0	−12·1	92	82	68	20	18	68	25	—	—
February	8·8	1·9	14·6	−5·5	19·5	−11·2	90	74	51	35	14	90	31	—	—
March	12·6	3·6	18·9	−2·9	22·4	−6·0	91	68	48	25	14	160	43	—	—
April	15·0	5·4	21·7	−0·3	25·4	−2·5	91	62	43	26	12	190	47	—	—
May	18·4	8·0	25·8	2·1	30·8	−1·0	92	63	47	24	13	219	47	—	—
June	21·6	11·0	29·2	5·4	35·9	3·1	91	64	45	27	11	229	48	—	—
July	23·4	12·7	31·2	8·0	38·4	5·4	92	61	51	38	12	231	48	—	—
August	23·3	12·8	29·7	7·8	37·8	4·0	94	63	57	27	12	212	48	—	—
September	20·8	11·2	26·9	5·2	33·0	2·0	95	68	58	45	13	163	43	—	—
October	16·2	7·7	22·2	−0·2	25·7	−4·6	95	73	64	31	15	120	35	—	—
November	11·4	4·6	16·9	−3·1	19·9	−7·5	93	81	66	30	16	69	25	—	—
December	8·3	2·6	14·0	−4·4	17·6	−11·2	93	84	71	25	18	54	21	—	—
Year	15·6	6·9	32·8*	−7·7*	38·4	−12·1	92	70	669	45	168	1805	40	—	—
No. of years	30	30	21	21	21	21	17	17	30	15	30	30	30	—	—

*Average of highest/lowest each year

FRANCE

Rouen 49° 23′N 1° 03′E 68 m

Period 1931–60 Bibliography 13, 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	6·3	0·2	12·8	−7·8	14·2	−14·8	90	84	65	22	17	50	18	—	—
February	7·4	0·4	15·0	−7·7	22·1	−15·8	90	77	50	26	15	73	25	—	—
March	11·6	2·3	19·3	−4·2	22·4	−8·2	90	68	40	22	12	139	38	—	—
April	14·6	4·4	23·7	−2·0	29·0	−5·0	89	58	40	23	12	182	44	—	—
May	18·1	7·5	26·3	1·3	32·0	−1·3	89	59	50	25	13	215	45	—	—
June	21·1	10·2	29·2	4·2	34·9	2·0	89	63	50	41	12	203	42	—	—
July	23·0	12·2	31·9	6·7	38·0	3·6	91	62	60	31	12	199	41	—	—
August	22·7	12·1	29·8	6·7	34·8	5·0	93	65	67	55	13	178	40	—	—
September	20·1	10·3	27·5	4·1	33·2	1·0	93	68	68	40	13	154	41	—	—
October	15·2	6·9	22·4	−0·9	26·6	−4·6	94	74	65	37	15	104	31	—	—
November	9·8	3·5	16·1	−3·8	20·2	−9·7	93	83	65	34	16	51	18	—	—
December	7·0	1·5	13·3	−6·3	16·8	−14·4	91	86	60	38	17	32	12	—	—
Year	14·7	6·0	33·2*	−10·6*	38·0	−15·8	91	71	680	55	167	1580	35	—	—
No. of years	30	30	15	15	15	15	15	15	30	15	30	13	13	—	—

Sète 43° 24′N 3° 42′E 94 m

Period 1931–60 Bibliography 13, 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	—	—	16·8	−1·4	20·2	−4·2	77	71	50	81	7	—	—	—	—
February	—	—	18·1	−2·2	21·2	−10·8	77	68	27	31	5	—	—	—	—
March	—	—	21·1	1·8	28·0	−2·6	78	70	60	56	7	—	—	—	—
April	—	—	23·5	4·8	30·0	1·4	78	68	46	34	6	—	—	—	—
May	—	—	27·0	8·3	32·6	5·4	78	69	51	56	7	—	—	—	—
June	—	—	30·5	12·6	35·6	9·8	76	65	33	65	5	—	—	—	—
July	—	—	32·8	15·0	35·8	12·6	71	59	21	108	3	—	—	—	—
August	—	—	31·4	15·0	36·2	13·2	77	66	37	47	6	—	—	—	—
September	—	—	29·6	12·5	31·8	10·2	80	68	71	72	6	—	—	—	—
October	—	—	24·6	6·7	26·6	3·4	80	69	73	91	7	—	—	—	—
November	—	—	20·1	2·7	23·8	−0·8	78	71	65	63	6	—	—	—	—
December	—	—	16·7	0·4	18·4	−3·4	79	73	81	69	8	—	—	—	—
Year	—	—	33·3*	−3·8*	36·2	−10·8	77	68	615	108	73	—	—	—	—
No. of years	—	—	12	12	12	12	12	12	30	15	30	—	—	—	—

Strasbourg 48° 33′N 7° 38′E 149 m

Period 1931–60 Bibliography 13, 14, 15, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	3·4	−2·3	11·9	−10·2	15·1	−17·6	88	80	39	24	15	50	18	7·5	17
February	5·4	−1·7	13·6	−10·1	20·8	−22·2	87	74	33	21	13	78	27	9·9	10
March	11·1	1·0	19·8	−5·5	23·5	−15·7	88	62	30	26	12	157	43	10·8	5
April	15·5	4·5	24·2	−1·9	29·7	−5·0	85	57	39	28	13	171	42	12·8	3
May	19·7	8·2	27·4	1·3	31·5	−2·4	85	58	60	32	13	214	45	13·9	1
June	23·0	11·5	30·9	5·6	37·0	1·1	85	59	77	53	14	219	45	13·9	2
July	24·8	13·4	32·6	8·3	37·4	5·6	85	57	77	44	14	229	47	13·6	1
August	24·2	13·0	31·3	7·4	35·3	5·8	89	60	80	46	13	217	49	13·3	1
September	20·8	10·3	28·4	3·2	33·4	0·4	92	65	58	25	12	166	44	12·0	2
October	14·4	5·7	22·5	−2·0	25·6	−7·6	93	72	42	24	12	111	33	10·4	7
November	8·1	2·3	15·4	−4·4	19·8	−10·0	92	80	41	30	13	49	18	7·6	14
December	3·9	−1·0	12·9	−8·2	16·5	−15·8	90	84	31	23	14	39	15	7·6	19
Year	14·5	5·4	33·7*	−13·7*	37·4	−22·2	88	67	607	53	158	1700	38	13·9	82
No. of years	30	30	21	21	21	21	17	17	30	15	30	30	30	11	11

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*Average of highest/lowest each year

FRANCE

Toulon 43° 06′N 5° 55′E 28 m

Period 1931–60 Bibliography 13, 14, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	12·1	5·4	17·1	0·0	18·2	−4·2	75	64	68	55	9	147	50	10·4	4
February	12·9	5·5	17·4	−0·2	19·9	−9·0	73	61	42	53	6	173	58	10·6	2
March	14·7	7·6	20·1	2·0	22·2	−1·0	76	65	55	61	8	214	58	12·2	3
April	17·1	9·7	22·3	5·0	26·2	1·1	77	65	50	67	7	257	64	13·8	1
May	20·3	13·1	24·9	8·6	30·2	4·6	78	66	51	84	7	293	65	14·7	1
June	24·3	16·3	29·3	12·4	32·4	9·4	75	64	28	44	4	334	73	14·6	1
July	27·1	18·6	31·9	15·4	35·2	12·8	72	60	10	35	2	380	82	14·7	0
August	26·7	18·6	31·3	14·9	35·6	13·0	74	63	31	50	4	334	77	13·9	0
September	24·6	16·8	29·0	12·7	32·3	9·2	76	63	68	89	5	263	70	12·8	1
October	20·2	13·0	24·5	7·3	27·5	3·2	79	66	95	58	9	203	59	11·7	2
November	16·1	9·3	19·8	3·8	21·8	0·9	77	66	110	59	9	155	53	10·1	4
December	13·0	6·6	17·1	1·6	19·8	−1·0	77	67	98	92	11	135	48	8.6	5
Year	19·1	11·7	32·4•	−1·5•	35·6	−9·0	76	64	706	92	81	2888	65	14·7	24
No. of years	30	30	15	15	15	15	15	15	30	15	30	30	30	14	14

Toulouse 43° 37′N 1° 22′E 151 m

Period 1931–60 Bibliography 13, 14, 15, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·5	0·8	15·5	−6·6	21·2	−17·0	93	80	49	24	14	84	29	9·8	10
February	10·1	1·3	17·4	−6·3	22·0	−19·2	90	70	46	57	12	112	30	11·0	4
March	14·4	4·1	20·7	−2·5	23·9	−5·3	90	64	53	38	11	184	50	12·5	2
April	16·9	6·1	23·2	−0·3	30·0	−3·0	90	61	50	32	12	204	51	14·3	2
May	20·3	9·4	26·5	3·4	32·8	−0·8	90	62	75	43	13	222	49	16·4	3
June	24·4	13·0	32·2	7·6	39·8	5·7	88	59	61	62	10	238	51	15·4	2
July	26·8	14·7	33·7	9·9	39·0	7·6	88	57	44	78	9	258	55	15·4	1
August	26·8	14·9	34·3	9·9	40·2	7·3	90	56	54	47	9	245	56	14·6	1
September	23·7	12·9	30·0	6·2	33·1	1·7	93	62	64	44	10	200	53	13·2	1
October	18·3	8·4	24·9	0·7	31·8	−3·0	95	68	45	39	11	156	45	11·8	3
November	12·7	4·6	19·2	−2·8	22·9	−6·1	94	77	51	36	12	93	32	10·3	7
December	8·7	2·1	15·9	−4·4	20·3	−10·4	92	82	67	40	15	66	24	9·0	12
Year	17·6	7·7	35·5•	−8·9•	40·2	−19·2	91	67	659	78	138	2062	46	16·4	48
No. of years	30	30	21	21	21	21	17	17	30	15	30	30	30	14	14

Tours 47° 25′N 0° 42′E 96 m

Period 1931–60 Bibliography 13, 14, 15, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·6	0·8	13·3	−6·5	15·3	−13·5	91	84	64	24	16	67	24	9·2	13
February	8·0	1·3	14·5	−6·2	20 2	−13·2	90	76	55	25	13	86	30	11·1	7
March	12·6	3·4	20·1	−3·0	26·4	−6·0	88	66	49	41	12	160	43	12·7	5
April	15·7	5·7	23·6	−0·1	29·3	−2·0	86	58	48	28	12	194	48	14·5	1
May	19·2	8·9	27·1	3·0	32·1	0·4	86	59	63	23	13	214	46	15·8	1
June	22·8	12·0	31·1	6·7	37·3	2·6	86	60	49	27	11	229	48	16·1	2
July	24·8	13·7	33·2	8·9	41·4	6·2	85	57	49	48	11	237	49	16·1	1
August	24·4	13·6	31·6	8·9	36·7	6·7	88	59	61	57	12	218	49	14·9	0
September	21·4	11·5	28·9	5·8	34·8	2·0	91	65	59	74	13	175	46	13·4	1
October	16·1	7·6	23·8	−0·3	28·0	−4·4	92	70	60	26	13	128	38	11·6	4
November	10·5	4·2	17·6	−2·9	22·6	−9·0	93	81	64	53	15	64	23	10·5	10
December	7·2	1·8	13·9	−5·0	18·9	−14·0	92	86	68	42	16	54	20	8·5	13
Year	15·8	7·0	34·3•	−8·6•	41·4	−14·0	89	69	689	74	157	1826	41	16·1	58
No. of years	30	30	21	21	21	21	17	17	30	15	30	30	40	14	14

•Average of highest/lowest each year

GERMANY

Berlin 52°27′N 13°18′E 55 m

Period 1931–60 Bibliography 17, 22, 24, 26	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						per cent		millimetres			hours		hours	
January	1·7	−3·4	9·1	−12·2	13·0	−21·0	89	82	46	32	17	48	19	—	15
February	2·7	−3·2	10·5	−11·8	16·7	−22·0	89	78	40	22	15	62	23	—	11
March	7·6	−0·3	16·5	−7·1	21·7	−14·2	88	67	33	27	12	143	39	—	6
April	13·4	3·9	22·3	−2·2	29·8	−6·2	84	60	42	27	13	175	42	—	3
May	18·9	8·4	27·7	1·7	32·1	−2·9	80	57	49	36	12	233	48	—	2
June	22·2	11·6	30·2	5·9	35·0	3·1	80	58	65	53	13	244	49	—	1
July	23·7	13·7	31·8	8·9	37·2	5·4	84	61	73	46	14	238	47	—	1
August	23·3	13·2	31·1	8·1	36·6	5·9	88	61	69	125	14	223	49	—	1
September	20·0	9·8	27·7	3·8	33·9	0·9	92	65	48	40	12	180	48	—	2
October	13·2	5·5	20·6	−0·7	25·0	−4·3	93	73	49	36	14	111	34	—	6
November	7·0	2·0	13·3	−4·0	17·1	−8·6	92	83	46	34	16	47	18	—	14
December	3·2	−1·4	9·8	−9·3	14·8	−18·0	91	86	43	20	15	34	14	—	18
Year	13·1	5·0	33·3*	−15·3*	37·2	−22·0	87	69	603	125	167	1738	36	—	80
No. of years	29	29	29	29	29	29	29	29	29	29	29	28	28	—	28

Braunschweig (Brunswick) 52°17′N 10°34′E 82 m

Period 1931–60 Bibliography 17, 22, 23, 26	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1330							
	degrees Celsius						per cent		millimetres			hours		hours	
January	2·6	−2·4	10·4	−11·9	15·3	−23·6	87	80	43	33	17	50	19	—	14
February	3·6	−2·3	11·2	−11·4	17·5	−25·5	88	76	41	35	16	64	23	—	11
March	8·2	0·5	17·0	−6·4	21·3	−16·1	86	66	37	28	12	133	38	—	5
April	13·4	4·1	22·5	−1·7	28·4	−5·0	83	57	44	23	14	170	39	—	2
May	18·3	7·9	27·1	1·7	32·2	−2·7	80	54	52	37	13	212	43	—	3
June	21·3	10·8	29·4	5·8	33·4	2·9	80	57	63	45	13	236	48	—	1
July	22·9	13·2	30·9	8·6	35·5	6·0	83	60	78	78	15	218	43	—	1
August	22·7	13·0	30·3	8·2	36·1	6·4	87	60	64	65	14	212	47	—	1
September	19·4	10·1	27·1	3·8	33·7	−2·8	89	63	50	33	13	162	43	—	2
October	13·4	6·0	20·9	−0·8	31·1	−5·2	90	71	54	35	14	112	34	—	6
November	7·5	2·7	14·4	−3·8	18·9	−11·4	89	80	50	26	16	45	18	—	13
December	4·0	−0·5	11·2	−8·9	16·6	−19·4	88	83	44	26	16	44	17	—	14
Year	13·1	5·3	32·2*	−15·1*	36·1	−25·5	86	67	620	78	173	1658	34	—	73
No. of years	30	30	30	30	30	30	27	27	30	30	30	19	16	—	16

Bremen 53°03′N 8°48′E 4 m

Period 1931–60 Bibliography 17, 22, 24, 26	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1330							
	degrees Celsius						per cent		millimetres			hours		hours	
January	3·0	−1·8	9·8	−10·3	13·2	−21·6	88	83	57	41	18	47	19	—	14
February	3·6	−2·1	10·7	−10·7	16·0	−23·6	89	77	45	25	17	67	25	—	11
March	8·0	0·3	16·4	−6·2	21·6	−13·8	88	65	42	31	14	129	35	—	5
April	13 0	3·6	21·6	−2·1	27·3	−5·7	85	59	48	29	15	157	38	—	3
May	17·8	7·3	26·4	1·1	30·8	−3·5	80	55	54	28	14	221	45	—	2
June	20·9	10·5	29·3	4·8	34·9	0·5	80	57	60	37	14	251	49	—	1
July	22·3	12·7	30·5	7·9	34·6	5·1	84	62	90	58	17	206	40	—	2
August	22·3	12·4	29·8	7·4	36·0	4·9	87	61	78	45	16	216	48	—	1
September	19·0	9·6	25·9	3·4	33·4	−1·2	90	64	61	32	15	164	43	—	2
October	13·3	5·9	19·2	−1·3	24·1	−5·5	91	72	58	31	16	100	31	—	6
November	7·9	2·7	13·6	−3·6	17·2	−7·1	91	82	60	31	18	56	21	—	13
December	4·4	−0·2	10·9	−8·1	15·4	−17·4	90	85	53	37	17	43	18	—	15
Year	13·0	5·1	32·0*	−13·8*	36·0	−23·6	87	69	706	58	191	1657	34	—	75
No. of years	29	29	29	29	29	29	29	29	29	29	29	12	12	—	12

*Average of highest/lowest each year

GERMANY

Brocken 51°48′N 10°37′E 1142 m

Period 1931–44 1951–60 Bibliography 17, 22, 27	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1330							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−1·9	−6·5	6·2	−14·8	14·0	−25·9	90	89	163	62	24	57	22	—	18
February	−2·5	−7·1	5·4	−15·3	11·8	−28·4	89	89	131	53	21	68	24	—	14
March	0·8	−4·4	9·5	−11·7	13·1	−16·5	84	81	87	48	19	122	33	—	8
April	3·7	−1·7	12·7	−7·9	19·7	−11·3	87	82	97	43	19	141	34	—	7
May	9·1	2·9	17·7	−4·1	22·5	−9·8	84	77	90	45	18	186	38	—	4
June	12·3	6·2	20·6	0·2	24·4	−2·8	85	78	119	124	17	195	39	—	3
July	13·7	8·1	21·7	3·2	27·3	−0·1	89	82	145	75	20	170	34	—	4
August	13·5	8·0	21·0	3·4	27·8	1·2	91	82	111	59	20	163	36	—	3
September	10·7	5·4	18·7	0·0	22·3	−4·5	91	83	109	63	19	135	35	—	5
October	6·0	1·5	14·5	−4·3	19·6	−10·3	91	89	124	60	22	86	26	—	12
November	2·2	−2·1	9·8	−7·5	14·4	−12·6	90	90	97	39	21	51	19	—	17
December	−0·5	−4·7	6·9	−12·1	12·9	−24·8	92	91	122	69	23	50	20	—	19
Year	5·6	0·5	23·3•	−17·7•	27·8	−28·4	89	84	1395	124	243	1424	30	—	114
No. of years	18	18	18	18	18	18	18	18	18	18	18	24	24	—	24

Coburg 50° 16′N 10° 56′E 336 m [Sunshine data for Sonneberg 50° 23′N 11° 13′E 636 m]

Period 1931–60 Bibliography 18, 22, 24, 26	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1330							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	1·4	−3·6	7·9	−13·0	11·9	−18·4	90	80	58	23	19	51	19	—	17
February	2·6	−3·9	9·7	−13·2	16·7	−24·6	89	73	49	19	16	70	25	—	11
March	8·6	−0·8	17·3	−8·0	20·7	−15·5	88	59	37	18	13	132	35	—	6
April	13·3	2·8	22·3	−3·7	29·2	−9·2	83	54	43	23	15	166	40	—	4
May	18·7	7·2	27·4	0·2	32·1	−4·1	81	52	59	41	15	209	44	—	3
June	21·8	10·5	30·0	0·5	33·7	1·4	82	55	75	41	14	197	42	—	2
July	23·2	12·2	31·3	7·0	37·8	4·0	85	57	72	36	15	209	42	—	2
August	22·8	11·6	30·6	6·1	34·2	3·0	88	57	72	39	15	202	45	—	2
September	19·2	8·7	26·7	1·7	32·3	−2·1	91	61	55	58	13	151	40	—	4
October	12·8	4·2	20·3	−1·9	24·3	−4·6	92	69	49	38	14	107	32	—	9
November	6·3	1·0	12·4	−5·3	16·0	−11·3	91	80	46	24	16	42	16	—	16
December	2·1	−2·2	9·1	−10·4	14·0	−20·0	91	84	57	23	17	38	15	—	19
Year	12·7	4·0	32·8•	−16·2•	37·8	−24·6	88	65	672	58	182	1574	33	—	95
No. of years	22	22	22	22	22	22	22	22	22	22	22	21	21	—	21

Dresden 51°08′N 13°46′E 129 m

Period 1935–60 Bibliography 22, 27	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	1·8	−3·6	9·9	−13·8	14·4	−24·7	85	77	42	27	16	59	22	—	14
February	3·0	−3·4	11·3	−12·7	16·5	−27·8	85	73	40	55	15	72	25	—	10
March	8·0	−0·2	17·0	−8·8	22·2	−19·1	85	65	42	26	14	123	34	—	7
April	13·7	3·8	22·5	−2·2	29·8	−4·7	83	57	48	28	14	163	39	—	4
May	18·6	7·6	27·3	0·8	31·8	−3·3	82	55	66	89	15	210	44	—	3
June	22·3	11·3	30·6	5·7	35·2	2·4	81	56	69	52	13	211	43	—	2
July	23·6	13·4	31·5	8·9	37·6	5·6	83	60	120	97	15	211	43	—	2
August	23·4	12·9	30·9	7·7	37·2	4·8	86	58	67	59	13	206	46	—	2
September	19·7	9·8	27·8	3·2	32·8	−1·5	88	62	49	59	13	162	43	—	3
October	13·4	5·3	20·9	−1·7	26·3	−6·5	89	68	53	28	13	117	35	—	7
November	7·5	2·1	14·1	−4·1	17·0	−8·9	87	76	41	42	14	56	21	—	12
December	3·3	−1·7	10·5	−10·6	14·7	−21·3	87	79	43	39	14	50	20	—	14
Year	13·2	4·8	33·0•	−17·4•	37·6	−27·8	85	65	680	97	169	1640	35	—	80
No. of years	25	25	25	25	25	25	25	25	25	25	25	24	24	—	24

•Average of highest/lowest each year

GERMANY

Emden 53° 22′N 7° 13′E 0 m

Period 1931–60 Bibliography 17, 22, 23, 26	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	3·4	−1·0	9·1	−8·4	11·6	−17·9	90	85	60	36	20	48	19	—	15
February	3·8	−1·4	10·0	−8·5	15·0	−23·7	90	81	46	16	16	77	27	—	10
March	7·6	0·5	15·1	−5·7	21·2	−13·8	90	72	41	24	14	131	36	—	6
April	11·9	3·8	20·0	−1·3	25·6	−4·5	86	65	44	21	15	179	43	—	3
May	16·6	7·3	25·0	2·0	30·6	−1·5	81	61	50	35	12	229	47	—	2
June	19·5	10·8	27·8	6·1	33·0	2·8	81	63	59	28	14	222	45	—	2
July	21·1	13·0	28·8	9·0	34·4	5·1	84	67	90	88	17	209	41	—	2
August	21·1	12·9	28·0	8·9	33·0	5·5	87	66	86	49	16	209	45	—	1
September	18·3	10·6	24·8	5·3	30·7	0·0	90	69	69	40	16	165	43	—	2
October	13·0	6·5	18·1	−0·1	24·0	−4·3	91	75	67	35	17	108	32	—	7
November	8·0	3·2	12·8	−2·6	16·8	−7·0	91	84	69	23	19	51	20	—	12
December	4·5	0·4	10·1	−6·8	12·4	−15·8	91	87	57	43	18	41	17	—	16
Year	12·4	5·5	30·4*	−11·3*	34·4	−23·7	88	73	738	88	194	1669	35	—	78
No. of years	28	28	28	28	28	28	28	28	28	28	28	22	20	—	20

Erfurt 50° 59′N 10° 58′E 314 m

Period 1931–60 Bibliography 17, 22, 27	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·4	−3·0	10·2	−14·3	13·5	−24·4	86	81	35	18	17	54	21	—	12
February	2·8	−3·7	11·1	−14·5	17·6	−22·7	87	78	30	29	15	75	27	—	8
March	8·1	−0·7	17·4	−8·7	21·5	−19·4	87	66	27	26	13	135	37	—	6
April	13·2	3·3	22·6	−3·3	30·2	−8·1	82	56	35	29	14	168	41	—	4
May	18·2	7·5	27·0	0·9	31·5	−3·8	80	56	60	39	14	215	45	—	3
June	21·4	10·9	29·4	5·2	33·1	2·0	79	56	69	49	13	231	47	—	2
July	23·0	12·7	31·2	7·8	36·5	4·4	81	58	64	47	14	226	46	—	1
August	22·7	12·3	30·8	7·3	34·9	5·0	83	57	55	34	13	211	47	—	1
September	19·4	9·4	27·4	3·1	33·1	−0·3	87	60	43	59	13	167	44	—	2
October	13·1	5·1	20·8	−2·0	24·0	−8·0	89	69	42	35	14	113	34	—	6
November	7·1	1·7	14·1	−5·7	20·1	−9·3	89	80	30	21	15	55	21	—	11
December	3·1	−2·1	10·7	−12·4	17·4	−23·8	89	84	30	18	15	46	19	—	14
Year	12·9	4·5	32·5*	−18·1*	36·5	−24·4	85	67	520	59	170	1696	36	—	70
No. of years	23	23	23	23	23	23	23	23	23	23	23	29	29	—	29

Essen 51° 24′N 6° 57′E 120 m

Period 1931–60 Bibliography 17, 22, 23, 26	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	3·6	−1·1	10·3	−9·2	13·8	−24·0	88	81	73	32	19	46	18	—	16
February	4·8	−0·7	12·2	−8·5	19·4	−18·2	88	76	57	26	17	66	23	—	10
March	9·0	1·8	17·4	−4·3	20·9	−9·7	85	65	48	27	14	129	35	—	6
April	12·9	4·5	21·3	−1·2	27·5	−3·4	83	61	62	68	16	156	38	—	4
May	17·4	7·9	26·0	1·5	32·0	−1·8	80	58	63	59	14	208	43	—	2
June	20·6	11·1	28·6	5·6	32·6	2·2	81	60	74	62	14	217	44	—	2
July	22·1	13·4	29·8	8·5	35·0	5·3	84	63	87	55	17	194	39	—	2
August	21·7	13·1	29·3	8·3	33·7	3·9	86	63	91	110	16	189	42	—	1
September	18·8	10·7	26·5	4·7	31·3	0·3	88	66	70	33	15	146	39	—	3
October	13·6	6·9	20·4	0·1	25·4	−7·6	89	73	73	39	17	102	31	—	7
November	8·2	3·4	14·6	−2·6	19·7	−6·0	89	80	74	71	19	50	19	—	13
December	4·8	0·5	11·4	−6·8	16·7	−14·8	89	84	66	30	19	41	17	—	16
Year	13·1	6·0	31·4*	−11·5*	35·0	−24·0	86	69	838	110	197	1544	32	—	82
No. of years	27	27	27	27	27	27	26	26	27	27	27	27	27	—	27

*Average of highest/lowest each year

GERMANY

Frankfurt am Main 50° 07′N 8° 39′E 103 m

Period 1931–60 Bibliography 17, 22, 24, 26	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1330							
	degrees Celsius						per cent		millimetres			hours		hours	
January	3·3	−1·5	10·3	−9·6	14·1	−23·8	86	77	58	34	17	45	17	—	15
February	5·0	−1·2	11·6	−8·5	18·1	−19·3	86	70	44	20	15	63	22	—	12
March	10·8	1·9	19·2	−4·1	23·7	−8·4	84	57	38	36	12	129	35	—	6
April	15·7	5·7	24·3	0·0	30·5	−3·5	79	51	44	27	14	154	37	—	3
May	20·3	9·3	28·7	2·6	34·2	−1·8	78	50	55	55	14	206	43	—	2
June	23·3	12·6	31·4	7·4	38·2	4·0	78	52	73	55	14	227	47	—	1
July	24·8	14·5	32·7	10·1	38·1	7·8	81	53	70	48	14	228	47	—	1
August	24·4	13·9	32·2	9·1	37·5	6·9	85	54	76	46	14	204	46	—	1
September	20·7	10·9	28·3	4·7	34·3	0·8	89	60	57	36	13	146	38	—	2
October	14·3	6·6	21·1	0·1	25·7	−4·0	91	68	52	28	14	94	28	—	8
November	8·1	3·2	14·5	−2·5	18·5	−7·0	89	77	55	41	16	36	13	—	15
December	3·9	−0·2	10·5	−7·4	13·5	−17·8	88	81	54	41	16	31	13	—	19
Year	14·5	6·3	34·0*	−12·2*	38·2	−23·8	85	63	676	55	173	1563	32	—	85
No. of years	29	29	29	29	29	29	29	29	29	29	29	20	20	—	20

Freiburg im Breisgau 48° 01′N 7° 50′E 259 m

Period 1931–60 Bibliography 21, 22, 25, 26	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1330							
	degrees Celsius						per cent		millimetres			hours		hours	
January	4·1	−1·8	12·2	−10·4	17·6	−23·0	85	78	61	34	17	53	20	—	13
February	5·0	−2·0	13·3	−10·2	21·1	−22·4	85	72	53	29	14	82	29	—	8
March	10·7	1·3	18·7	−5·6	23·6	−12·8	83	60	52	23	13	153	42	—	4
April	14·8	4·9	23·6	−1·0	29·3	−6·0	80	56	68	40	15	173	42	—	4
May	19·6	8·7	27·7	2·1	31·7	−2·0	81	57	79	44	14	228	49	—	3
June	22·4	11·8	30·5	6·5	36·1	3·2	81	60	117	67	15	233	49	—	2
July	24·4	13·8	32·2	8·8	38·5	4·6	80	58	106	47	15	247	51	—	1
August	24·0	13·3	31·8	7·8	37·4	3·2	84	59	100	50	14	234	53	—	1
September	20·5	10·7	28·5	3·7	33·8	−0·1	88	63	98	61	14	174	45	—	3
October	14·2	5·9	22·4	−1·1	27·0	−4·8	90	70	67	42	14	122	37	—	7
November	8·4	2·4	16·2	−4·6	20·6	−8·6	88	76	69	39	15	62	25	—	12
December	4·5	−0·7	12·9	−9·0	16·3	−20·8	86	79	52	57	17	47	18	—	14
Year	14·4	5·7	34·7*	−13·7*	38·5	−23·0	84	66	922	62	177	1808	38	—	72
No. of years	27	27	27	27	27	27	24	24	27	27	27	23	23	—	23

Greifswald 54° 06′N 13° 27′E 1 m

Period 1931–42 1947–60 Bibliography 17, 22, 27	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						per cent		millimetres			hours		hours	
January	2·3	−2·3	8·7	−10·9	11·8	−19·0	89	84	42	18	17	50	20	—	15
February	2·3	−3·2	9·1	−12·5	15·2	−27·2	89	82	35	13	15	66	24	—	10
March	6·2	−0·6	14·9	−7·2	21·4	−18·5	89	74	30	23	12	139	38	—	7
April	11·3	3·2	19·5	−2·6	26·2	−10·6	86	67	43	27	14	184	44	—	3
May	16·4	7·5	25·0	1·4	30·3	−1·5	82	66	48	34	12	260	53	—	2
June	20·1	10·9	28·2	4·8	33·7	2·5	82	65	56	39	13	264	52	—	1
July	22·0	13·2	28·6	8·3	33·8	5·0	86	67	70	41	15	250	49	—	1
August	21·6	13·0	28·3	8·1	32·5	5·2	89	68	56	52	14	222	48	—	1
September	18·5	10·0	25·3	4·1	30·3	1·2	91	68	63	43	15	184	48	—	2
October	12·6	6·0	18·8	−0·3	22·8	−3·4	91	75	51	31	15	116	36	—	6
November	6·9	2·2	12·3	−3·7	15·8	−8·1	92	85	38	23	15	51	20	—	14
December	3·4	−0·5	9·6	−7·5	13·5	−17·4	91	88	40	20	16	37	16	—	17
Year	12·0	4·9	30·5*	−14·9*	33·8	−27·2	88	74	572	52	173	1823	37	—	79
No. of years	23	23	23	23	23	23	20	20	23	23	23	22	22	—	22

*Average of highest/lowest each year

GERMANY

Hamburg 53° 38′N 10° 00′E 22 m

Period 1931–60 Bibliography 17, 22, 23, 26	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·3	−2·4	9·1	−10·6	13·8	−22·8	89	84	58	27	18	47	18	—	16
February	2·9	−2·4	10·3	−10·9	18·6	−29·1	89	80	48	23	16	61	22	—	11
March	6·9	−0·5	15·6	−7·1	21·1	−14·3	88	68	39	32	13	130	35	—	7
April	12·5	3·4	21·4	−2·4	27·4	−7·1	85	61	52	27	14	170	41	—	4
May	17·5	7·1	26·3	0·7	32·1	−5·0	81	57	56	34	14	232	47	—	2
June	20·6	10·5	28·9	5·0	34·5	1·3	81	59	63	38	14	236	46	—	1
July	22·3	12·8	30·6	8·0	35·1	3·4	85	63	83	37	17	214	42	—	1
August	22·0	12·4	29·5	7·3	35·7	2·9	89	63	81	63	16	206	44	—	1
September	18·8	9·7	25·6	3·5	32·3	−1·2	91	65	62	29	15	167	44	—	2
October	13·0	5·9	18·9	−1·4	25·1	−5·9	92	74	59	41	17	101	31	—	7
November	7·4	2·5	12·9	−3·9	17·0	−7·6	92	83	57	45	18	42	16	—	14
December	4·0	−0·3	10·5	−8·2	16·6	−16·4	91	86	57	28	18	34	13	—	18
Year	12·5	4·9	31·9*	−13·8*	35·7	−29·1	88	70	715	63	190	1640	33	—	84
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	—	26

Hannover (Hanover) 52° 20′N 9° 43′E 52 m

Period 1931–60 Bibliography 17, 22, 23, 26	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·7	−2·5	10·0	−11·9	13·8	−28·5	88	81	46	28	18	53	21	—	13
February	3·5	−2·4	11·0	−11·4	16·0	−24·3	89	77	44	37	17	69	25	—	11
March	7·9	−0·1	16·6	−7·0	22·1	−16·8	89	67	36	27	13	121	33	—	7
April	13·2	3·4	22·0	−2·5	27·2	−6·0	86	59	47	25	15	175	42	—	3
May	18·0	7·1	26·6	0·6	32·5	−2·9	82	55	51	34	14	225	46	—	2
June	21·2	10·3	29·3	4·6	33·7	1·7	81	57	63	54	14	229	48	—	2
July	22·7	12·5	30·8	7·7	35·0	5·4	85	61	79	64	16	214	44	—	1
August	22·7	12·2	30·4	7·1	38·0	4·1	88	59	69	69	15	206	48	—	1
September	19·2	9·4	26·8	2·8	33·0	−1·1	91	64	52	55	14	160	41	—	3
October	13·3	5·5	20·0	−2·0	26·0	−7·9	92	73	56	33	15	108	34	—	7
November	7·7	2·4	14·1	−4·4	18·3	−11·1	91	81	54	85	17	50	18	—	14
December	4·1	−0·7	11·0	−9·5	14·9	−20·9	90	84	46	22	17	40	19	—	17
Year	13·0	4·8	32·1*	−16·0*	38·0	−28·5	88	68	643	85	185	1650	35	—	81
No. of years	30	30	30	30	30	30	26	26	30	30	30	23	15	—	14

Helgoland (Heligoland) 54° 11′N 7° 53′E 51 m

Period 1931–44 Bibliography 17, 22, 26	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	3·2	0·0	7·7	−5·8	9·5	−15·3	90	89	58	19	20	48	20	—	15
February	2·9	−0·1	6·3	−4·9	9·0	−13·6	90	88	44	29	16	68	25	—	11
March	4·8	1·2	9·5	−2·8	15·4	−10·8	89	85	38	19	14	139	38	—	6
April	8·3	4·1	13·9	0·6	18·0	−2·5	89	83	40	29	15	185	41	—	5
May	13·1	8·1	20·7	4·1	25·5	1·5	85	77	36	19	12	230	46	—	3
June	16·5	11·6	22·9	8·1	28·2	5·4	85	78	41	37	12	237	46	—	2
July	18·7	14·3	24·6	11·1	28·6	7·8	86	80	79	42	15	214	42	—	2
August	19·2	15·1	24·2	11·8	27·0	10·3	85	79	83	70	15	217	47	—	1
September	16·6	13·0	20·5	9·5	23·4	7·7	84	79	85	47	16	150	39	—	3
October	12·3	9·1	15·9	4·5	18·7	1·8	85	82	100	49	19	93	29	—	7
November	8·4	5·3	12·1	0·7	14·3	−3·5	88	86	71	21	19	44	17	—	12
December	5·2	2·1	9·0	−3·1	10·6	−10·0	89	89	56	20	19	33	15	—	17
Year	10·8	7·0	25·2*	−7·6*	28·6	−15·3	87	83	731	70	192	1658	34	—	84
No. of years	14	14	14	14	14	14	14	14	14	14	14	13	13	—	13

*Average of highest/lowest each year

GERMANY

Kassel (Cassel) 51°20′N 9°31′E 198 m

Period 1931–60 Bibliography 17, 22, 24, 26	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1320							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·1	−2·6	9·2	−11·9	12·6	−26·0	87	81	48	20	17	43	17	—	16
February	3·2	−2·7	10·3	−11·6	16·2	−23·0	87	75	40	19	15	66	24	—	11
March	8·4	0·1	16·8	−6·6	21·0	−14·5	87	64	34	21	13	132	36	—	6
April	13·0	3·7	21·7	−1·9	27·9	−4·9	83	58	47	22	15	162	39	—	4
May	17·7	7·4	26·2	0·6	32·3	−3·0	82	55	59	34	13	205	44	—	2
June	21·0	10·6	29·0	5·1	32·9	−2·9	82	56	62	40	14	221	45	—	2
July	22·5	12·5	30·5	7·7	35·2	5·6	85	58	73	47	16	205	41	—	2
August	22·4	12·2	30·1	6·9	35·6	4·8	88	57	63	34	14	194	43	—	2
September	19·0	9·4	26·7	2·7	32·6	−0·7	91	62	52	40	13	145	38	—	3
October	12·9	5·3	20·3	−1·3	23·5	−4·6	92	70	53	33	15	95	29	—	7
November	7·1	2·3	13·6	−4·0	18·1	−7·8	89	79	51	52	16	42	16	—	14
December	3·2	−1·0	9·9	−9·1	15·5	−18·1	89	84	49	34	16	30	12	—	18
Year	12·7	4·8	31·8*	−15·3*	35·6	−26·0	87	67	631	52	177	1540	32	—	87
No. of years	28	28	28	28	28	28	28	28	28	28	28	28	28	—	28

Kiel 54°23′N 10°10′E 3 m

Period 1931–60 Bibliography 17, 22, 23, 26	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·2	−1·9	8·4	−9·4	12·1	−20·9	88	84	63	32	18	46	19	—	16
February	2·7	−1·9	9·1	−9·0	16·0	−24·8	89	81	55	34	16	62	23	—	11
March	5·6	0·1	13·6	−5·6	20·6	−14·0	88	74	40	26	13	126	34	—	8
April	11·1	3·5	19·6	−1·8	26·4	−4·8	86	66	45	26	13	183	43	—	4
May	15·4	6·9	23·6	1·7	30·3	−1·7	82	62	47	31	12	237	48	—	2
June	19·4	10·5	26·8	5·7	33·7	2·4	82	63	60	35	14	252	49	—	1
July	21·5	13·0	28·9	9·0	33·4	6·4	85	65	75	55	15	228	45	—	1
August	21·1	13·1	27·6	8·4	32·3	5·9	89	67	88	105	15	205	45	—	1
September	18·0	10·5	24·1	5·1	29·7	0·6	90	69	67	52	15	167	45	—	3
October	12·6	6·7	18·0	0·5	21·8	−3·4	90	75	67	46	17	99	31	—	8
November	7·4	3·1	12·2	−2·1	15·3	−6·0	90	83	59	48	19	46	19	—	15
December	4·1	0·3	9·7	−6·9	12·4	−13·0	90	86	59	25	19	31	13	—	19
Year	11·8	5·3	30·1*	−12·1*	33·7	−24·8	87	73	725	105	186	1682	35	—	89
No. of years	25	25	25	25	25	25	24	24	25	25	25	23	22	—	22

Köln (Cologne) 50°58′N 6°58′E 45 m

Period 1931–44 1951–52 Bibliography 17, 22, 23, 26	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·4	−0·7	10·9	−9·3	14·5	−24·9	85	77	60	21	18	—	—	—	—
February	5·6	−0·3	11·9	−8·6	15·7	−20·2	87	73	44	22	15	—	—	—	—
March	10·1	1·8	17·4	−3·8	21·5	−8·3	84	61	42	18	13	—	—	—	—
April	14·2	5·1	22·1	−0·7	26·9	−3·9	83	59	60	68	17	—	—	—	—
May	18·8	8·3	27·4	1·8	33·5	−3·0	80	55	51	44	13	—	—	—	—
June	22·2	11·8	30·5	6·4	34·3	3·0	79	54	75	45	13	—	—	—	—
July	23·7	13·8	31·3	9·2	37·8	6·6	82	56	69	50	14	—	—	—	—
August	23·7	13·8	31·8	8·6	36·7	4·7	85	56	73	39	14	—	—	—	—
September	19·8	10·9	27·5	3·7	31·2	−1·0	88	61	55	33	14	—	—	—	—
October	14·1	6·7	20·7	0·1	25·9	−3·3	89	69	53	24	16	—	—	—	—
November	8·9	3·8	15·3	−2·0	19·0	−5·0	87	77	65	38	18	—	—	—	—
December	4·8	0·3	11·1	−7·4	13·9	−18·5	87	81	52	17	17	—	—	—	—
Year	14·2	6·3	33·4*	−11·3*	37·8	−24·9	85	65	699	68	182	—	—	—	—
No. of years	17	17	17	17	17	17	16	16	17	17	17	—	—	—	—

*Average of highest/lowest each year

GERMANY

Leipzig 51° 19′N 12° 25′E 141 m

Period 1931–60 Bibliography 19, 22 27	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·3	−3·0	9·8	−13·0	13·0	−23·5	86	78	41	24	17	56	22	—	12
February	3·1	−3·1	11·7	−12·4	16·5	−22·9	87	75	39	31	15	69	26	—	9
March	8·3	0·2	17·1	−7·0	21·6	−14·5	86	66	38	19	14	139	38	—	5
April	13·7	4·3	22·6	−1·7	29·4	−5·6	82	57	41	25	14	177	43	—	3
May	18·9	8·4	27·4	1·6	31·0	−3·1	80	55	52	56	13	223	46	—	2
June	22·2	11·8	30·3	6·6	36·4	4·5	79	56	69	39	13	231	47	—	2
July	23·8	13·7	31·6	9·5	37·7	7·0	82	58	83	65	15	223	45	—	2
August	23·6	13·4	31·5	8·5	38·0	5·6	85	57	62	40	13	211	47	—	1
September	20·0	10·1	28·1	3·9	34·5	1·0	89	61	42	73	13	174	46	—	2
October	14·0	5·8	21·7	−0·7	27·2	−5·0	90	68	49	27	14	121	36	—	5
November	7·7	2·2	14·2	−3·8	19·7	−8·0	89	78	41	33	15	56	21	—	12
December	3·8	−0·9	10·7	−9·1	16·6	−20·7	88	81	38	19	15	46	19	—	13
Year	13·5	5·2	33·4*	−15·7*	38·0	−23·5	85	66	595	73	171	1726	36	—	68
No. of years	27	27	28	28	28	28	28	28	28	28	28	25	25	—	25

Magdeburg 52° 06′N 11° 35′E 79 m

Period 1931–60 Bibliography 17, 22, 27	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·2	−3·1	9·8	−12·8	12·7	−29·6	87	81	36	24	17	56	21	—	13
February	3·1	−3·2	11·0	−12·4	16·6	−25·4	88	76	31	25	15	73	26	—	9
March	8·1	−0·2	16·8	−7·1	22·3	−17·4	87	65	29	24	13	142	39	—	5
April	13·7	3·8	22·8	−2·2	29·0	−5·6	84	56	35	24	14	178	43	—	3
May	18·9	7·8	27·5	1·2	32·7	−2·9	80	53	49	48	13	221	45	—	2
June	22·2	11·1	29·9	5·5	34·3	3·6	79	54	58	67	13	231	46	—	2
July	23·8	13·1	31·6	8·5	36·6	5·2	82	57	64	49	14	212	42	—	1
August	23·6	12·9	31·4	7·9	37·2	4·4	86	56	57	53	13	200	44	—	1
September	20·0	9·7	27·7	3·3	33·6	−0·5	89	59	38	24	12	174	46	—	2
October	13·8	5·5	21·1	−1·2	25·4	−6·3	90	68	43	32	14	103	31	—	6
November	7·5	2·1	14·0	−4·4	18·2	−11·0	90	80	40	21	16	50	19	—	13
December	3·6	−1·2	10·7	−10·1	16·7	−22·6	89	84	33	23	15	39	17	—	16
Year	13·4	4·9	33·2*	−16·0*	37·2	−29·6	86	66	513	67	169	1679	35	—	73
No. of years	28	28	29	29	29	29	29	29	29	29	29	12	12	—	12

München (Munich) 48° 08′N 11° 42′E 524 m

Period 1931–60 Bibliography 18, 22, 23, 26	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·4	−5·1	10·6	−15·5	16·4	−29·0	87	77	59	52	16	57	21	—	14
February	3·1	−4·8	12·1	−14·8	19·8	−29·6	87	71	53	40	16	91	32	—	8
March	8·7	−1·0	18·2	−8·7	23·5	−17·7	86	61	48	37	13	157	41	—	5
April	13·5	3·2	22·6	−3·5	28·7	−16·0	82	55	62	36	15	175	43	—	4
May	18·0	7·2	26·3	0·9	30·8	−5·5	81	57	109	155	15	221	47	—	4
June	21·2	10·6	29·0	5·3	34·6	2·6	80	58	125	51	17	247	51	—	2
July	23·1	12·6	30·8	7·9	35·1	4·6	81	57	139	81	16	261	54	—	2
August	22·6	12·1	30·6	6·9	35·5	3·2	85	58	107	47	16	234	53	—	2
September	19·5	9·1	27·2	2·6	32·0	−2·5	89	61	85	73	13	183	49	—	3
October	13·1	4·3	21·6	−2·3	27·6	−6·2	91	68	66	40	13	124	36	—	8
November	6·6	0·3	14·8	−5·8	19·5	−12·0	92	78	57	53	15	62	23	—	12
December	2·2	−3·5	11·6	−12·4	15·5	−22·3	90	82	47	25	15	50	18	—	16
Year	12·6	3·7	32·0*	−18·5*	35·5	−29·6	86	65	957	155	180	1862	39	—	80
No. of years	29	29	29	29	29	29	24	24	29	29	29	20	17	—	17

*Average of highest/lowest each year

GERMANY

Münster 51°58′N 7°37′E 66 m

Period 1931–60 Bibliography 17, 22 23, 26	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	3·7	−1·4	10·4	−9·4	14·1	−29·7	88	81	68	38	19	46	17	—	15
February	4·6	−1·2	11·7	−9·3	17·2	−22·4	88	74	53	33	16	71	24	—	10
March	9·1	0·9	17·2	−5·6	21·5	−14·2	87	62	45	36	14	132	35	—	6
April	13·4	4·0	22·0	−1·5	27·8	−3·7	85	59	53	58	16	163	39	—	4
May	17·9	7·5	26·4	0·9	32·3	−2·0	80	56	49	48	14	213	44	—	2
June	21·2	10·6	29·5	4·9	35·5	2·2	79	57	57	40	13	228	46	—	2
July	22·7	12·7	30·7	8·1	35·1	4·6	84	60	84	49	16	197	39	—	2
August	22·6	12·6	30·1	7·4	36·7	3·1	86	59	70	44	16	187	41	—	1
September	19·4	9·8	26·9	3·4	32·7	−1·6	90	63	62	43	15	155	41	—	3
October	14·3	5·9	20·5	−1·2	25·2	−5·5	91	69	56	34	17	108	31	—	6
November	8·3	2·8	14·8	−3·5	20·0	−7·6	90	79	63	35	19	54	21	—	13
December	4·7	−0·1	11·3	−8·4	13·8	−16·4	89	82	59	37	18	39	16	—	17
Year	13·5	5·3	32·3*	−12·9*	36·7	−29·7	86	67	719	58	193	1593	33	—	81
No. of years	27	27	27	27	27	27	20	20	27	27	27	25	22	—	23

Neustrelitz 53°21′N 13°05′E 64 m

Period 1936–38 1946–60 Bibliography 22, 27	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·7	−3·7	8·9	−14·5	11·1	−23·3	89	82	41	17	19	58	23	—	—
February	1·9	−4·5	9·7	−15·0	16·0	−26·5	89	78	34	13	15	73	26	—	—
March	6·5	−1·2	16·1	−9·4	21·1	−21·3	88	67	28	17	12	122	33	—	—
April	12·3	2·2	21·1	−5·2	28·3	−10·4	85	59	42	31	15	174	42	—	—
May	18·1	6·6	26·7	−1·0	31·6	−4·5	79	55	52	27	13	234	47	—	—
June	21·4	10·1	29·5	3·1	35·1	0·4	79	58	62	33	13	272	53	—	—
July	22·7	12·0	30·3	6·4	36·6	4·4	85	62	65	54	16	225	44	—	—
August	22·3	11·7	29·4	5·1	32·8	2·4	90	64	63	58	15	186	41	—	—
September	19·0	8·5	26·5	1·4	31·7	−3·0	92	64	48	43	13	185	49	—	—
October	12·8	4·8	19·2	−3·0	23·1	−6·1	92	71	37	32	14	100	31	—	—
November	6·6	1·6	12·0	−5·8	14·6	−10·0	92	84	39	25	16	43	17	—	—
December	3·2	−1·0	9·6	−9·3	14·4	−17·0	92	86	42	16	19	29	13	—	—
Year	12·4	3·9	32·2*	−17·5*	36·6	−26·5	88	69	553	58	180	1701	35	—	—
No. of years	17	17	18	18	18	18	15	15	18	18	18	4	4	—	—

Nürnberg (Nuremberg) 49°30′N 11°06′E 335 m

Period 1931–44 1955–60 Bibliography 18, 22, 26	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·6	−4·4	9·0	−14·4	12·0	−27·6	88	77	49	23	17	51	19	—	14
February	3·4	−4·0	11·6	−14·5	18·3	−28·4	88	69	40	22	15	78	28	—	9
March	8·7	−0·8	17·1	−7·5	21·0	−14·3	87	58	38	25	13	135	37	—	6
April	13·3	2·7	22·1	−4·0	28·4	−8·5	85	55	44	32	14	166	40	—	3
May	18·3	6·6	27·0	−0·7	31·4	−4·4	81	52	63	55	14	220	46	—	2
June	21·7	10·5	29·6	4·6	34·3	1·4	81	54	74	56	15	227	47	—	2
July	23·3	12·5	31·3	7·0	37·7	3·2	84	56	97	64	16	225	46	—	2
August	22·9	11·6	30·9	5·9	37·0	2·8	88	57	90	110	15	207	47	—	2
September	19·5	8·7	27·0	1·0	31·0	−3·5	91	59	51	29	12	169	45	—	3
October	13·3	4·6	21·9	−2·6	26·5	−4·8	92	68	59	53	14	98	29	—	8
November	6·8	9·9	14·2	−6·0	17·9	−10·8	91	77	44	32	14	50	19	—	13
December	2·5	−2·8	9·8	−12·2	13·1	−22·9	90	81	44	22	15	40	16	—	16
Year	12·9	4·6	32·7*	−18·4*	37·7	−28·4	87	64	693	110	174	1666	35	—	80
No. of years	20	20	20	20	20	20	20	20	20	20	20	17	17	—	17

*Average of highest/lowest each year

GERMANY

Regensburg 49°02′N 12°04′E 340 m

Period 1931–60 Bibliography 18, 22, 24, 26	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·7	−4·9	7·8	−14·4	14·9	−28·5	90	81	48	21	17	67	25	—	11
February	2·5	−4·7	10·0	−13·7	16·0	−25·8	90	74	38	18	15	75	26	—	9
March	9·1	−1·1	17·7	−8·3	21·4	−16·5	89	60	32	28	12	150	41	—	4
April	13·9	2·8	22·3	−3·3	27·2	−6·9	87	54	40	25	14	173	42	—	3
May	18·9	7·0	27·1	0·1	31·8	−4·0	85	53	59	38	14	227	48	—	2
June	22·1	10·4	29·8	4·6	35·7	1·9	84	55	84	39	15	214	45	—	2
July	23·9	12·3	31·5	7·1	36·6	4·4	85	55	93	70	14	211	43	—	2
August	23·6	11·8	31·2	6·5	35·2	2·6	89	56	74	38	15	193	44	—	1
September	20·1	8·5	27·7	1·8	32·5	−2·0	92	59	49	29	13	175	47	—	2
October	13·2	4·0	21·2	−1·9	26·8	−5·8	93	69	45	36	13	100	30	—	7
November	6·0	0·4	13·2	−6·2	18·5	−14·6	93	80	38	27	15	39	14	—	15
December	1·8	−2·9	9·6	−11·4	13·5	−26·0	91	85	42	23	16	36	14	—	17
Year	13·0	3·6	32·8*	−17·5*	36·6	−28·5	89	65	642	70	173	1660	35	—	75
No. of years	27	27	27	27	27	27	26	26	27	27	27	7	7	—	7

Rostock 54°05′N 12°06′E 20 m

Period 1931–38 1952–60 Bibliography 17, 22, 27	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·4	−2·0	8·6	−11·1	11·2	−18·4	91	86	46	25	18	43	17	—	15
February	2·3	−3·1	9·0	−12·0	15·3	−19·5	91	84	36	21	16	62	23	—	11
March	6·5	−0·8	14·9	−7·5	20·5	−17·5	90	72	30	18	12	127	35	—	7
April	11·1	2·5	19·8	−2·7	26·3	−4·5	86	65	42	27	15	165	39	—	5
May	16·8	6·9	25·7	1·5	31·2	−2·8	80	60	48	48	12	227	46	—	3
June	20·1	10·3	28·0	4·5	33·3	2·0	79	61	60	41	12	253	50	—	1
July	22·0	12·9	29·5	8·4	33·6	6·0	83	63	79	50	15	231	45	—	1
August	21·4	12·6	28·1	8·1	31·8	5·4	88	65	71	61	14	214	47	—	2
September	18·0	9·3	24·8	3·7	29·1	0·8	90	66	69	73	13	171	45	—	3
October	12·4	5·9	18·8	−0·7	22·2	−4·5	92	76	65	41	18	90	28	—	7
November	6·7	2·0	12·0	−4·4	15·3	−9·1	93	86	39	27	15	47	19	—	13
December	3·3	−0·8	9·5	−8·2	13·8	−16·4	93	88	45	23	17	33	15	—	19
Year	11·9	4·6	30·5*	−14·7*	33·6	−19·5	88	73	630	73	177	1663	34	—	87
No. of years	17	17	17	17	17	17	17	17	17	17	17	9	9	—	9

Stuttgart 48°42′N 9°12′E 401 m

Period 1931–60 Bibliography 20, 22, 24, 26	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	3·3	−2·6	10·9	−11·6	15·0	−25·0	86	74	46	51	16	53	19	—	13
February	4·9	−2·2	13·3	−10·3	18·8	−24·9	86	68	39	36	14	80	28	—	7
March	10·1	0·8	18·6	−5·5	22·8	−13·0	85	57	37	24	12	139	38	—	5
April	14·4	4·7	23·2	−1·5	28·3	−7·2	81	54	48	40	14	167	41	—	4
May	18·8	8·4	27·0	1·9	32·5	−4·3	80	53	73	58	15	213	45	—	4
June	22·0	11·7	30·0	6·6	35·5	2·5	80	56	96	69	15	241	50	—	1
July	23·9	13·6	31·7	8·7	38·2	4·0	81	55	79	44	15	264	55	—	1
August	23·6	13·1	31·4	7·7	35·3	3·7	85	55	75	54	14	225	51	—	1
September	20·3	10·2	28·2	3·9	33·4	−0·6	89	59	62	40	13	167	44	—	3
October	14·2	5·6	22·5	−1·0	28·2	−5·8	91	66	49	32	13	112	34	—	8
November	8·3	2·0	15·8	−4·3	22·8	−11·2	90	74	47	37	14	69	25	—	9
December	3·9	−1·5	11·6	−9·4	17·1	−19·0	88	78	38	26	14	46	18	—	13
Year	14·0	5·3	32·8*	−14·6*	38·2	−25·0	85	62	689	69	169	1776	37	—	69
No. of years	29	29	29	29	29	29	29	29	29	29	29	14	14	—	14

*Average of highest/lowest each year

GERMANY

Ulm 48° 24′N 9° 59′E 480 m

Period 1931–60 Bibliography 20, 22, 24, 26	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·0	−4·3	8·0	−14·0	16·0	−26·0	88	79	51	41	17	—	—	—	—
February	2·7	−4·2	10·5	−13·0	16·5	−25·5	87	73	40	23	13	—	—	—	—
March	8·5	−0·8	16·7	−7·4	22·1	−17·1	86	61	42	21	14	—	—	—	—
April	13·3	3·2	21·9	−3·0	27·5	−5·5	83	54	45	34	14	—	—	—	—
May	18·0	7·3	26·1	0·5	29·9	−4·0	81	55	78	54	15	—	—	—	—
June	21·2	10·5	28·7	4·8	33·0	1·2	83	57	97	49	16	—	—	—	—
July	23·1	12·3	30·3	7·4	36·0	4·4	84	57	109	78	16	—	—	—	—
August	22·8	11·9	30·1	6·3	35·0	1·5	86	57	81	44	14	—	—	—	—
September	19·2	9·0	26·5	2·4	30·7	−0·6	90	62	63	34	13	—	—	—	—
October	12·5	4·4	20·3	−2·0	24·4	−5·7	91	70	54	43	14	—	—	—	—
November	6·0	0·8	12·7	−5·2	18·5	−13·0	91	80	48	34	16	—	—	—	—
December	1·8	−2·7	9·4	−10·5	13·5	−22·8	89	83	44	19	15	—	—	—	—
Year	12·5	4·0	31·4*	−16·8*	36·0	−26·0	87	66	752	78	177	—	—	—	—
No. of years	28	28	28	28	28	28	28	28	28	28	28	—	—	—	—

Würzburg 49° 48′N 9° 56′E 174 m

Period 1931–60 Bibliography 18, 22, 24, 26	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·9	−3·1	10·3	−12·5	14·0	−22·5	88	75	48	31	16	52	19	—	14
February	4·6	−2·3	12·0	−11·0	19·0	−24·1	88	70	42	28	13	72	25	—	8
March	10·1	0·4	18·6	−6·1	23·0	−12·4	87	59	32	22	11	148	40	—	4
April	15·4	4·5	24·0	−1·7	30·3	−7·7	83	54	40	23	12	187	46	—	3
May	20·2	8·3	28·5	1·7	33·8	−2·0	82	52	52	42	12	230	49	—	1
June	23·1	11·6	31·1	6·3	36·6	2·8	82	54	66	47	14	230	47	—	1
July	24·8	13·6	32·3	8·8	38·8	6·6	84	54	67	43	13	244	49	—	1
August	24·1	13·0	31·8	7·9	37·0	5·1	88	55	65	61	13	216	49	—	1
September	20·6	9·9	28·2	3·4	35·0	−0·2	91	60	49	27	12	164	44	—	2
October	14·3	5·4	21·8	−0·9	27·3	−4·0	91	67	45	38	12	121	37	—	5
November	7·9	2·0	14·9	−4·0	20·0	−12·0	90	76	44	27	14	46	17	—	13
December	3·7	−1·2	11·1	−9·7	14·4	−19·7	89	79	45	51	13	32	13	—	16
Year	14·3	5·2	33·6*	−15·5*	38·8	−24·1	87	63	595	61	155	1742	36	—	69
No. of years	30	30	30	30	30	30	30	30	30	30	30	14	14	—	14

Zugspitze 47° 23′N 10° 59′E 2960 m

Period 1931–60 Bibliography 18, 22, 24, 26	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−9·2	−14·1	−1·8	−23·2	1·5	−29·1	76	75	161	61	18	120	41	—	9
February	−9·2	−14·1	−1·6	−23·2	5·8	−35·6	75	75	143	65	17	131	43	—	7
March	−7·0	−11·8	−0·4	−20·0	3·8	−28·2	76	76	129	49	18	170	44	—	6
April	−4·2	−9·2	2·0	−17·5	8·0	−22·7	82	83	150	69	20	163	39	—	5
May	0·2	−4·9	6·9	−12·1	14·7	−18·2	84	88	151	72	21	174	37	—	5
June	3·2	−1·8	10·6	−7·7	16·0	−12·0	86	90	171	62	21	162	33	—	5
July	5·3	0·1	12·9	−5·4	17·9	−8·5	86	90	186	91	21	182	37	—	5
August	5·2	0·5	11·8	−5·8	15·6	−9·9	84	88	160	103	20	179	39	—	4
September	3·0	−1·5	9·5	−8·8	12·7	−14·7	82	83	127	64	17	181	47	—	4
October	−0·9	−5·2	5·7	−13·7	10·8	−18·2	75	76	119	52	14	177	51	—	6
November	−4·9	−9·0	1·4	−16·9	5·5	−21·9	75	74	119	63	15	132	45	—	6
December	−7·7	−12·2	0·7	−20·8	3·8	−27·6	74	73	123	72	17	126	45	—	8
Year	−2·2	−6·9	13·7*	−25·7*	17·9	−35·6	80	81	1739	103	219	1897	42	—	70
No. of years	30	30	30	30	30	30	30	30	30	30	30	29	26	—	26

*Average of highest/lowest each year

GIBRALTAR

Gibraltar Town 36°06′N 5°21′W 27 m

Period 1931–35 Bibliography 28	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	16·3	8·7	20·0	3·3	22·2	1·7	81	66	109	125	7	—	—	—	—
February	16·3	8·5	19·4	2·8	21·7	0·6	80	63	92	54	8	—	—	—	—
March	18·2	10·6	22·2	7·2	23·9	3·9	83	67	125	50	11	—	—	—	—
April	20·9	11·4	25·6	8·3	27·8	7·8	83	58	99	75	7	—	—	—	—
May	23·4	13·9	28·3	10·6	30·6	10·0	81	57	30	36	4	—	—	—	—
June	26·6	16·7	31·7	13·3	33·3	11·1	80	54	5	13	2	—	—	—	—
July	28·2	19·4	32·8	16·1	36·1	14·4	79	60	<1	<1	<1	—	—	—	—
August	28·7	20·1	33·9	18·9	35·6	16·1	80	60	<1	1	<1	—	—	—	—
September	26·7	18·5	31·7	14·4	34·4	12·2	82	61	18	19	2	—	—	—	—
October	23·1	15·2	27·2	10·0	28·3	7·8	83	64	85	56	5	—	—	—	—
November	18·4	11·7	23·3	7·8	25·6	5·6	84	68	149	53	13	—	—	—	—
December	16·7	9·3	20·6	5·0	21·1	1·7	83	67	151	69	11	—	—	—	—
Year	21·9	13·7	34·4*	2·2*	36·1	0·6	82	62	863	125	70	—	—	—	—
No. of years	5	5	5	5	5	5	5	5	5	5	5	—	—	—	—

North Front 36°09′N 5°21′W 2 m

Period 1946–60 Bibliography 28	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	15·7	10·2	20 0	5·6	23·3	2·8	81	70	152	294	10	170	55	10·0	3
February	16·6	10·7	20·6	5·6	23·9	0·6	79	67	98	100	7	166	54	11·0	2
March	18·4	12·3	23·9	7·8	27·2	3·3	78	66	106	52	10	191	52	11·6	3
April	20·0	13·4	24·4	9·4	27·8	7·2	74	64	59	45	6	247	63	12·9	1
May	22·6	15·4	27·8	11·7	30·6	8·3	72	62	25	45	4	301	69	13·5	0
June	25·4	18·0	30·0	15·0	32·8	13·9	73	62	4	15	1	330	76	13·6	0
July	28·1	20·1	33·9	17·2	38·3	14·4	72	60	1	4	<1	348	78	13·5	0
August	28·6	20·8	33·9	17·2	37·2	13·9	73	60	3	10	1	325	78	13·3	0
September	26·3	19·4	31·1	16·1	33·3	13·9	76	65	23	97	2	265	71	12·2	0
October	22·9	16·9	27·8	12·2	33·3	10·0	78	69	55	78	5	214	61	11·1	1
November	19·1	13·9	23·9	9·4	28·9	7·8	81	72	114	102	7	149	48	10·4	2
December	16·6	11·4	20·6	6·7	23·9	2·2	80	70	127	84	10	144	48	9·7	5
Year	21·7	15·2	35·0*	3·9*	38·3	0·6	76	66	767	294	63	2850	64	13·6	17
No. of years	15	15	15	15	15	15	15	15	14	14	14	13	13	13	13

Windmill Hill 36°06′N 5°21′W 122 m

Period 1936–47 Bibliography 28	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	14·4	9·6	17·8	4·4	20·0	1·8	81	72	116	66	9	180	58	10·2	2
February	15·2	10·2	18·9	6·1	21·1	3·3	79	72	86	82	7	187	61	11·0	1
March	16·1	11·2	20·6	7·8	23·9	5·0	83	75	95	65	10	217	59	12·0	2
April	18·0	12·8	22·8	10·0	29·4	7·8	82	71	63	54	7	249	63	12·7	1
May	20·0	14·2	25·0	10·6	28·3	8·3	77	66	35	45	5	302	69	13·6	0
June	22·9	17·1	28·3	14·4	31·7	11·1	79	66	6	17	1	326	75	13·7	0
July	25·3	19·0	30·6	16·7	36·1	16·1	81	68	1	4	<1	353	79	13·7	0
August	25·7	19·8	30·6	17·2	35·6	16·1	84	72	2	6	1	330	79	13·3	0
September	24·3	18·7	28·9	15·6	34·4	13·9	84	73	20	26	3	261	70	12·3	0
October	20·9	16·0	25·6	11·7	30·0	10·6	83	73	88	73	8	224	64	11·2	1
November	17·9	13·1	21·7	9·4	24·4	7·8	83	73	105	146	7	178	58	10·4	2
December	15·0	10·3	18·3	6·1	20·0	2·2	80	72	134	83	9	177	59	9·7	2
Year	19·7	14·3	33·3*	3·9*	36·1	1·7	81	71	751	146	67	2984	67	13·7	11
No. of years	12	12	12	12	12	12	9	9	12	12	12	12	12	12	12

*Average of highest/lowest each year

GREECE

Alexandroúpolis (Dedeagach) 40° 51′N 25° 53′E 7 m

Period 1932–39 1950–60 Bibliography 29	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	9·1	1·9	15·6	−6·1	21·0	−13·2	82	72	81	65	10	—	—	—	—
February	10·6	2·9	16·8	−5·7	21·6	−11·8	81	68	45	50	8	—	—	—	—
March	12·9	4·2	19·9	−2·3	24·8	−8·6	77	64	46	31	8	—	—	—	—
April	17·9	7·7	23·4	1·7	31·6	−1·2	73	62	30	48	7	—	—	—	—
May	22·6	11·9	28·0	6·9	32·2	2·6	72	63	32	43	8	—	—	—	—
June	27·3	15·7	32·5	10·6	35·8	7·2	66	56	36	47	7	—	—	—	—
July	30·9	18·7	35·1	14·1	39·0	8·4	59	48	18	39	3	—	—	—	—
August	30·9	18·6	35·3	14·3	38·1	12·0	59	46	15	63	2	—	—	—	—
September	26·7	15·0	31·1	8·2	34·0	5·4	66	50	25	51	3	—	—	—	—
October	21·5	11·1	27·1	4·1	32·8	−0·2	76	59	47	95	6	—	—	—	—
November	15·4	7·2	21·4	−1·3	24·2	−9·3	81	67	86	89	8	—	—	—	—
December	11·6	4·1	17·8	−4·5	20·4	−13·5	83	72	97	87	11	—	—	—	—
Year	19·8	9·9	35·7*	−8·5*	39·0	−13·5	73	61	558	95	81	—	—	—	—
No. of years	19	18	19	18	19	18	19	19	19	19	19	—	—	—	—

Athínai (Athens) 37° 58′N 23° 43′E 107 m

Period 1931–60 Bibliography 29, 30	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	12·9	6·4	17·9	0·9	20·9	−4·4	77	62	62	47	16	121	39	10·3	4
February	13·9	6·7	19·1	1·0	22·5	−5·7	74	57	37	61	11	146	48	10·6	3
March	15·5	7·8	22·0	2·7	27·8	−0·7	71	54	37	42	11	179	48	12·5	3
April	20·2	11·3	25·6	5·9	32·2	−0·3	65	48	23	30	9	229	58	13·6	1
May	25·0	15·9	31·4	11·5	36·2	6·2	60	47	23	50	8	277	63	14·2	1
June	29·9	20·0	35·8	16·0	41·9	13·6	50	39	14	49	4	322	73	14·4	0
July	33·2	22·8	38·7	19·2	42·3	16·0	47	34	6	24	2	369	82	14·6	0
August	33·1	22·8	37·9	19·1	42·6	15·5	48	34	7	39	3	358	85	13·8	0
September	29·0	19·3	34·4	14·7	38·4	11·6	58	42	15	143	4	283	76	12·6	0
October	23·8	15·4	29·7	10·5	36·5	7·2	70	52	51	67	8	209	60	10·9	1
November	18·6	11·7	23·9	6·0	27·7	−1·1	73	61	56	57	12	144	47	9·8	3
December	14·6	8·2	19·8	2·3	22·2	−3·7	78	63	71	48	15	119	40	11·9	4
Year	22·5	14·0	39·6*	−1·2*	42·6	−5·7	65	49	402	143	103	2756	62	14·6	20
No. of years	30	30	30	30	30	30	9	9	30	30	30	30	30	30	30

Flórina 40° 48′N 21° 25′E 684 m

Period 1932–40 1950–60 Bibliography 29	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·1	−3·4	13·5	−12·8	19·2	−20·0	87	75	78	36	12	—	—	—	—
February	7·3	−1·7	15·3	−10·8	20·6	−20·6	79	67	61	37	10	—	—	—	—
March	11·2	1·1	20·5	−6·8	31·0	−16·4	76	61	66	31	11	—	—	—	—
April	16·6	4·9	24·5	−1·3	29·5	−8·0	70	53	62	47	9	—	—	—	—
May	21·2	9·1	28·9	3·5	32·8	0·6	71	54	63	30	11	—	—	—	—
June	26·6	12·8	33·1	8·3	37·2	4·0	67	48	55	64	7	—	—	—	—
July	29·0	15·0	34·9	10·4	37·6	5·0	64	43	37	37	6	—	—	—	—
August	28·7	15·0	34·7	10·4	39·2	8·0	67	44	48	62	5	—	—	—	—
September	24·0	11·6	30·6	5·7	34·8	2·4	75	51	59	96	7	—	—	—	—
October	19·5	7·6	27·1	0·9	31·0	−3·0	81	59	100	68	9	—	—	—	—
November	12·0	3·8	20·2	−3·9	25·4	−11·4	84	69	106	84	10	—	—	—	—
December	7·7	0·2	16·7	−8·7	20·2	−17·0	85	73	78	60	12	—	—	—	—
Year	17·3	6·3	35·9*	−15·2*	39·2	−20·6	75	58	813	96	109	—	—	—	—
No. of years	15	15	15	15	15	15	15	15	14	14	14	—	—	—	—

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*Average of highest/lowest each year

GREECE

Iráklion (Candia) 35° 21′N 25° 08′E 29 m

Period 1932–40 1950–60 Bibliography 29	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	15·8	8·8	20·7	4·5	23·5	2·2	76	66	95	76	14	—	—	—	—
February	16·2	8·9	22·7	4·1	29·2	−0·5	73	63	46	35	9	—	—	—	—
March	17·2	9·7	25·7	5·4	34·8	2·6	68	61	43	33	10	—	—	—	—
April	20·3	11·9	30·1	7·6	36·0	5·6	62	59	26	34	6	—	—	—	—
May	23·4	14·6	32·4	10·5	39·0	7·0	61	62	13	29	4	—	—	—	—
June	27·1	18·9	33·7	14·4	41·2	8·7	57	58	3	15	1	—	—	—	—
July	29·3	21·5	34·8	17·5	40·8	15·0	57	57	1	4	<1	—	—	—	—
August	29·3	21·9	34·9	18·7	40·7	17·0	59	60	1	4	<1	—	—	—	—
September	27·0	19·4	32·9	14·5	38·5	11·7	63	61	11	57	2	—	—	—	—
October	24·3	16·5	30·8	12·3	36·2	9·4	69	63	64	123	6	—	—	—	—
November	20·8	13·8	27·3	8·8	31·9	5·5	74	65	71	49	11	—	—	—	—
December	17·7	10·7	22·2	6·1	24·2	2·4	76	65	79	47	14	—	—	—	—
Year	22·4	14·7	37·4*	3·0*	41·2	−0·5	66	62	453	123	77	—	—	—	—
No. of years	20	20	20	20	20	20	20	20	20	20	20	—	—	—	—

Kavála 40° 56′N 24° 25′E 27 m

Period 1932–40 1950–60 Bibliography 29	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	9·4	1·8	15·7	−4·7	17·5	−15·0†	83	69	79	44	9	—	—	—	—
February	10·5	1·7	17·1	−4·9	21·8	−23·5	80	65	39	36	7	—	—	—	—
March	13·3	3·8	19·6	−1·7	24·4	−6·4	78	63	49	69	7	—	—	—	—
April	17·6	7·6	22·8	2·3	28·8	−2·0	76	62	34	52	7	—	—	—	—
May	22·8	12·4	27·8	7·7	33·9	1·2	75	61	36	36	7	—	—	—	—
June	27·1	16·3	32·1	11·6	34·6	7·4	68	56	45	95	6	—	—	—	—
July	30·3	18·8	34·6	15·2	39·4	11·2	64	51	27	42	4	—	—	—	—
August	30·1	18·1	34·0	14·1	38·1	10·6	62	47	9	25	2	—	—	—	—
September	26·4	15·1	31·0	9·3	33·6	4·4	69	51	21	45	3	—	—	—	—
October	21·8	11·0	26·9	4·5	31·6	−1·2	78	59	62	77	7	—	—	—	—
November	15·7	6·7	21·2	−1·0	24·6	−9·3	83	66	79	52	8	—	—	—	—
December	11·3	3·2	17·5	−3·7	20·4	−11·2	83	71	77	58	9	—	—	—	—
Year	19·7	9·7	35·4*	−9·3*	39·4	−23·5	75	60	557	95	76	—	—	—	—
No. of years	17	17	17	17	17	17	20	20	20	20	20	—	—	—	—

Kérkira (Corfu) 39° 37′N 19° 55′E 25 m

Period 1932–40 1950–60 Bibliography 29	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	14·0	5·9	17·8	0·1	20·0	−4·4	82	66	196	79	15	—	—	—	—
February	14·6	6·1	18·7	0·6	21·4	−3·3	81	64	132	61	14	—	—	—	—
March	16·0	7·5	20·8	2·3	23·8	−2·8	82	63	100	83	12	—	—	—	—
April	19·1	9·9	24·0	5·2	28·7	−0·1	84	63	70	47	10	—	—	—	—
May	23·3	13·1	28·5	8·8	32·1	3·6	81	60	41	49	6	—	—	—	—
June	28·2	16·8	32·8	12·9	36·6	10·2	75	54	14	31	3	—	—	—	—
July	31·4	19·2	35·9	15·8	40·2	12·0	73	50	4	26	1	—	—	—	—
August	31·5	19·2	35·6	15·9	40·7	13·0	76	48	20	77	2	—	—	—	—
September	27·8	17·2	31·6	12·8	37·8	6·8	83	58	95	183	6	—	—	—	—
October	23·4	14·2	28·2	8·5	33·2	3·8	85	62	184	191	11	—	—	—	—
November	19·1	10·7	22·8	4·2	25·0	−2·5	84	66	237	158	15	—	—	—	—
December	15·9	7·7	19·8	1·1	21·0	−2·5	83	68	259	132	17	—	—	—	—
Year	22·0	12·3	36·9*	−1·3*	40·7	−4·4	81	60	1352	191	112	—	—	—	—
No. of years	20	20	20	20	20	20	20	20	20	20	20	—	—	—	—

*Average of highest/lowest each year

†Estimate

GREECE

Khíos (Chios) 38° 22′N 26° 09′E 7 m

Period 1932–40 Bibliography 29	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	13·2	7·5	17·8	2·8	20·2	0·5	76	66	128	72	12	—	—	—	—
February	13·5	7·2	18·5	0·9	20·8	−3·7	75	65	107	59	12	—	—	—	—
March	16·1	8·9	20·8	4·3	22·8	0·1	73	61	68	70	9	—	—	—	—
April	20·3	12·1	25·0	7·2	27·0	4·2	69	57	32	24	6	—	—	—	—
May	24·7	15·8	30·1	12·3	33·1	10·3	69	57	15	23	4	—	—	—	—
June	28·9	20·0	34·4	15·7	36·8	12·6	64	52	11	25	2	—	—	—	—
July	32·1	23·2	35·8	19·7	37·6	17·0	63	48	3	10	1	—	—	—	—
August	31·2	21·5	34·4	20·3	35·2	19·1	69	53	1	3	0	—	—	—	—
September	27·4	19·4	31·6	15·3	35·8	13·4	72	57	8	26	1	—	—	—	—
October	23·9	16·7	28·3	12·0	31·4	9·2	77	65	42	53	5	—	—	—	—
November	18·7	12·8	23·4	7·1	26·4	4·2	80	70	83	76	9	—	—	—	—
December	14·9	9·6	19·3	3·7	21·2	−1·3	79	69	158	91	15	—	—	—	—
Year	22·1	14·6	35·8*	−0·4*	37·6	−3·7	72	60	656	91	76	—	—	—	—
No. of years	9	9	9	9	9	9	9	9	9	9	9	—	—	—	—

Lamía 38° 54′N 22° 26′E 121 m

Period 1932–40 Bibliography 29	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	11·3	4·1	17·8	−0·4	21·4	−3·8	83	71	95	36	13	—	—	—	—
February	12·7	4·4	19·9	−2·1	23·0	−5·0	79	65	82	89	10	—	—	—	—
March	16·2	7·0	22·5	2·6	25·2	−0·2	77	61	60	35	9	—	—	—	—
April	21·4	10·9	28·7	5·3	31·8	0·4	70	54	58	110	7	—	—	—	—
May	25·7	14·9	32·2	10·5	34·6	8·4	65	48	49	55	7	—	—	—	—
June	30·4	19·1	36·7	14·7	38·0	13·0	62	44	47	60	5	—	—	—	—
July	33·9	21·9	39·4	18·0	43·0	16·0	57	39	24	56	3	—	—	—	—
August	33·3	20·1	38·2	17·6	40·6	15·2	58	39	9	15	2	—	—	—	—
September	29·0	17·3	35·3	12·3	36·7	10·2	66	46	33	60	5	—	—	—	—
October	24·2	14·3	31·2	8·6	35·0	5·1	75	55	69	49	8	—	—	—	—
November	17·4	10·1	23·7	4·2	25·6	0·4	81	68	64	52	9	—	—	—	—
December	12·8	6·4	19·3	0·7	21·8	−4·8	84	73	117	73	14	—	—	—	—
Year	22·4	12·5	40·0*	−3·4*	43·0	−5·0	71	55	707	110	92	—	—	—	—
No. of years	9	9	9	9	9	9	9	9	9	9	9	—	—	—	—

Lárisa 39° 38′N 22° 25′E 75 m

Period 1932–40 1950–60 Bibliography 29	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	10·0	0·5	17·2	−5·8	21·0	−11·8	91	71	49	46	10	—	—	—	—
February	12·9	1·3	19·9	−5·2	24·0	−9·5	87	61	40	37	8	—	—	—	—
March	15·1	3·4	23·1	−2·6	31·8	−7·0	87	58	47	36	8	—	—	—	—
April	20·4	6·5	27·2	0·5	31·8	−2·6	83	53	35	30	7	—	—	—	—
May	25·7	10·7	33·0	5·2	38·5	3·1	77	47	45	33	9	—	—	—	—
June	31·3	15·1	37·8	10·0	41·8	7·0	62	38	32	38	6	—	—	—	—
July	34·4	18·1	39·9	13·8	45·0	10·6	55	33	13	27	3	—	—	—	—
August	34·0	17·7	40·1	13·8	45·0	10·6	56	32	11	38	2	—	—	—	—
September	29·1	14·3	35·9	8·2	40·0	6·0	71	41	30	43	4	—	—	—	—
October	23·1	10·4	30·3	4·0	36·6	0·3	84	54	75	86	9	—	—	—	—
November	16·3	6·9	22·6	−1·4	26·0	−6·0	91	68	56	44	10	—	—	—	—
December	12·1	3·0	18·9	−4·3	22·6	−14·0	91	73	71	69	10	—	—	—	—
Year	22·0	9·0	41·3*	−8·3*	45·0	−14·0	78	52	504	86	86	—	—	—	—
No. of years	20	20	20	20	20	20	20	20	19	19	19	—	—	—	—

*Average of highest/lowest each year

GREECE

Límnos (Lemnos) 39° 53′N 25° 04′E 2 m

Period 1932–40 1950–60 Bibliography 29	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	11·0	5·6	17·0	−0·2	18·8	−5·6	80	73	96	142	13	—	—	—	—
February	12·0	5·5	17·7	−0·9	21·4	−5·0	78	68	51	70	8	—	—	—	—
March	13·1	6·7	19·8	1·2	23·6	−2·4	76	67	62	73	8	—	—	—	—
April	18·0	10·1	22·8	4·5	29·5	0·6	75	65	28	40	6	—	—	—	—
May	22·8	14·2	28·0	9·3	31·4	5·3	72	64	21	69	5	—	—	—	—
June	27·3	18·3	32·4	13·5	35·0	11·0	65	58	14	51	2	—	—	—	—
July	30·2	20·6	34·4	17·0	37·0	11·8	62	54	11	85	1	—	—	—	—
August	30·3	21·1	34·4	17·7	38·0	13·2	63	52	12	41	1	—	—	—	—
September	26·2	18·0	30·9	12·5	34·0	8·4	70	56	20	36	2	—	—	—	—
October	21·5	14·5	26·0	9·6	31·8	5·6	78	65	50	50	6	—	—	—	—
November	16·3	10·6	22·1	4·2	24·8	−1·0	81	71	72	50	9	—	—	—	—
December	13·4	8·1	18·8	1·8	20·6	−4·2	81	73	88	59	11	—	—	—	—
Year	20·2	12·8	35·2*	−2·3*	38·0	−5·6	73	64	525	142	72	—	—	—	—
No. of years	19	19	19	19	19	19	20	20	20	20	20	—	—	—	—

Mitilíni 39° 06′N 26° 33′E 2 m

Period 1936–40 1951–60 Bibliography 29	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	12·7	7·2	17·9	1·6	19·1	−0·8	76	66	131	66	13	—	—	—	—
February	13·5	7·8	19·1	1·2	22·0	−3·4	75	65	93	62	11	—	—	—	—
March	14·9	8·5	22·0	2·3	26·4	0·1	71	58	73	75	9	—	—	—	—
April	18·8	11·2	25·2	5·8	28·7	3·6	68	56	37	26	7	—	—	—	—
May	24·3	15·1	30·8	10·7	33·6	8·0	69	54	28	35	5	—	—	—	—
June	29·0	19·3	34·0	14·8	37·0	13·0	64	47	10	46	2	—	—	—	—
July	31·9	22·2	36·3	19·0	38·4	17·2	61	44	3	9	1	—	—	—	—
August	31·5	22·0	36·5	19·4	40·9	17·8	64	46	2	14	<1	—	—	—	—
September	27·1	18·5	32·5	13·7	37·2	11·6	66	49	11	25	2	—	—	—	—
October	22·6	15·1	27·6	10·6	32·6	7·4	73	58	57	60	6	—	—	—	—
November	17·5	11·3	23·5	4·7	28·0	−0·6	77	65	152	147	11	—	—	—	—
December	14·2	8·7	19·1	2·5	21·0	−2·8	77	66	142	74	13	—	—	—	—
Year	21·5	13·9	37·4*	−0·1*	40·9	−3·4	70	56	739	147	80	—	—	—	—
No. of years	14	12	14	12	14	12	14	14	14	14	14	—	—	—	—

Náxos 37° 06′N 25° 24′E 3 m

Period 1932–40 1960 Bibliography 29	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	14·5	9·9	19·0	5·7	21·2	2·8	75	69	91	47	12	—	—	—	—
February	14·8	9·5	20·4	4·6	24·6	0·0	75	68	73	55	9	—	—	—	—
March	16·2	10·6	22·3	7·2	27·2	3·3	75	67	69	64	8	—	—	—	—
April	19·5	13·3	26·5	9·7	30·0	7·5	74	65	19	33	4	—	—	—	—
May	22·7	16·3	29·4	12·9	32·8	10·9	73	65	12	15	3	—	—	—	—
June	25·6	19·8	31·0	16·7	34·5	15·0	72	65	11	31	1	—	—	—	—
July	27·3	22·3	32·6	19·7	38·0	17·3	72	66	2	20	<1	—	—	—	—
August	27·6	22·4	32·3	20·0	34·7	16·5	74	67	1	3	<1	—	—	—	—
September	25·5	20·3	30·6	16·6	34·2	12·0	74	66	11	27	1	—	—	—	—
October	24·0	17·8	29·2	13·4	32·2	11·3	76	67	45	56	4	—	—	—	—
November	19·9	14·7	25·1	10·2	28·0	8·2	75	67	48	56	6	—	—	—	—
December	16·6	11·9	20·8	6·9	22·0	1·2	75	69	93	62	12	—	—	—	—
Year	21·2	15·7	33·8*	2·4*	38·0	0·0	74	67	475	64	60	—	—	—	—
No. of years	10	10	10	10	10	10	10	10	10	10	10	—	—	—	—

*Average of highest/lowest each year

GREECE

Pátrai (Patras) 38°15′N 21°44′E 1 m

Period 1932–40 1950–60 Bibliography 29	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	14·3	5·3	18·4	−0·8	20·8	−4·1	81	60	111	42	14	—	—	—	—
February	15·2	5·6	20·3	−0·5	25·3	−5·0	81	58	79	73	11	—	—	—	—
March	16·5	6·3	22·7	1·2	31·0	−1·3	77	55	79	41	11	—	—	—	—
April	19·8	9·2	26·7	4·0	33·6	1·0	74	56	51	36	8	—	—	—	—
May	23·4	12·3	29·2	7·8	36·0	5·8	72	57	25	28	6	—	—	—	—
June	27·5	15·8	33·1	11·8	37·8	9·5	69	53	14	38	3	—	—	—	—
July	30·6	17·9	36·0	14·4	38·8	11·5	67	51	1	6	<1	—	—	—	—
August	31·1	17·8	36·3	14·3	40·0	10·5	68	50	8	33	1	—	—	—	—
September	28·2	15·6	32·5	10·7	37·5	8·0	73	53	33	41	4	—	—	—	—
October	24·2	12·9	29·2	7·1	34·5	3·0	78	57	90	107	8	—	—	—	—
November	19·8	9·7	24·6	3·0	27·8	−1·5	83	59	111	63	12	—	—	—	—
December	16·2	7·0	20·8	0·6	23·0	−3·8	83	60	145	73	14	—	—	—	—
Year	22·2	11·3	37·4*	−2·3*	40·0	−5·0	75	56	747	107	92	—	—	—	—
No. of years	20	20	20	20	20	20	20	20	20	20	20	—	—	—	—

Sámos 37°44′N 27°00′E 34 m

Period 1932–40 1950–60 Bibliography 29	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	13·8	7·9	18·7	2·5	20·9	−2·2	79	67	207	128	14	—	—	—	—
February	14·6	8·2	19·9	2·1	21·9	−3·8	76	64	118	105	11	—	—	—	—
March	16·2	9·2	22·5	4·1	26·8	0·2	74	61	109	110	10	—	—	—	—
April	20·0	12·6	26·3	7·5	30·7	4·2	72	60	43	41	6	—	—	—	—
May	24·2	16·0	30·8	12·2	35·8	9·0	71	59	40	84	5	—	—	—	—
June	28·1	19·9	33·0	16·3	37·1	14·0	68	53	4	26	1	—	—	—	—
July	30·6	22·3	34·8	19·7	38·7	16·4	66	51	<1	1	<1	—	—	—	—
August	30·5	22·4	35·1	20·2	38·2	18·2	69	52	<1	<1	<1	—	—	—	—
September	27·4	19·7	32·2	15·9	37·0	13·4	72	56	7	28	1	—	—	—	—
October	23·4	16·4	28·5	12·5	33·4	10·2	76	60	62	113	6	—	—	—	—
November	19·1	13·4	25·4	7·3	29·0	2·3	78	66	129	190	9	—	—	—	—
December	16·1	10·3	21·0	4·7	23·8	−2·0	78	68	187	109	14	—	—	—	—
Year	22·0	14·9	36·1*	0·6*	38·7	−3·8	73	60	906	190	77	—	—	—	—
No. of years	18	19	18	19	18	19	19	19	20	20	20	—	—	—	—

Thessaloníki (Salonica) 40°37′N 22°57′E 25 m

Period 1931–59 Bibliography 31	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	9·4	1·9	16·0	−3·6	19·5	−10·3	85	71	44	28	11	117	39	10·0†	9
February	11·7	2·5	18·5	−2·9	24·2	−8·9	80	61	34	53	8	149	50	10·6	5
March	14·4	5·2	21·9	−0·3	30·1	−4·7	79	61	38	45	9	169	46	11·1	5
April	19·7	9·5	25·9	3·9	30·0	−1·0	75	58	41	57	9	227	57	13·5	2
May	24·8	14·2	30·7	9·9	37·8	5·2	73	57	40	61	10	277	62	14·1	1
June	29·4	18·3	34·9	13·8	37·8	9·7	66	50	40	56	7	309	68	14·3	<1
July	32·4	20·9	37·6	17·1	41·8	14·4	63	48	22	48	4	367	80	14·8	0
August	32·1	20·7	36·8	17·2	40·0	10·3	65	48	14	59	3	345	81	13·7	0
September	27·7	17·2	32·9	12·3	37·4	8·1	73	54	29	51	5	253	67	12·2	1
October	21·7	12·6	28·0	7·0	32·7	3·8	81	62	57	45	8	182	53	10·6	3
November	15·9	8·6	21·8	1·6	24·2	−2·8	85	70	55	44	11	119	40	9·9	7
December	11·4	4·1	17·9	−1·7	21·2	−7·4	86	73	56	64	11	110	38	9·0†	9
Year	20·9	11·3	38·1*	−5·6*	41·8	−10·3	76	59	470	64	96	2624	59	14·8	42
No. of years	27	27	27	27	27	27	27	25	27	27	27	27	27	27	27

*Average of highest/lowest each year

†Estimated

GREECE

Tríkkala 39°33′N 21°46′E 149 m

Period 1932–40 Bibliography 29	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·7	0·4	15·9	−6·3	19·9	−11·8	84	72	84	70	13	—	—	—	—
February	12·5	1·9	19·9	−4·1	21·7	−7·6	80	60	69	39	11	—	—	—	—
March	16·2	4·2	22·3	−0·7	25·9	−2·1	76	54	59	41	10	—	—	—	—
April	21·0	8·3	27·5	1·6	31·3	−1·1	73	51	80	68	9	—	—	—	—
May	25·3	12·1	31·6	7·9	34·5	4·0	70	48	61	40	9	—	—	—	—
June	30·8	16·2	37·1	11·9	40·8	9·5	61	40	51	45	7	—	—	—	—
July	34·7	19·2	40·2	14·6	43·5	10·1	53	34	19	40	4	—	—	—	—
August	34·1	18·8	38·7	14·6	41·5	11·8	56	33	12	42	3	—	—	—	—
September	29·8	15·3	36·8	10·0	40·1	8·1	67	42	27	59	5	—	—	—	—
October	24·7	12·1	32·5	5·1	36·5	2·0	77	53	80	39	9	—	—	—	—
November	16·5	7·2	23·6	1·7	25·5	−1·5	84	66	10	76	11	—	—	—	—
December	10·6	3·5	17·3	−3·5	20·7	−7·9	87	75	125	100	17	—	—	—	—
Year	22·1	9·9	40·6*	−7·4*	43·5	−11·8	72	52	677	100	108	—	—	—	—
No. of years	8	6	8	6	8	6	8	8	8	8	8	—	—	—	—

Trípolis 37°31′N 22°21′E 661 m

Period 1932–40 1950–60 Bibliography 29	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	9·1	1·5	14·5	−4·3	18·0	−12·4	86	70	127	66	14	—	—	—	—
February	10·6	1·6	17·1	−4·6	21·0	−16·4	83	64	104	60	10	—	—	—	—
March	12·8	2·5	21·0	−2·4	29·6	−5·6	80	58	94	53	11	—	—	—	—
April	17·5	5·5	24·7	0·7	29·0	−1·0	72	50	62	35	9	—	—	—	—
May	22·3	8·5	29·3	3·5	33·2	1·0	67	46	51	94	7	—	—	—	—
June	27·5	12·7	34·0	8·3	37·6	5·5	58	38	36	45	5	—	—	—	—
July	30·5	15·6	35·6	11·6	39·8	9·0	50	32	20	34	2	—	—	—	—
August	30·4	15·4	35·9	11·6	40·2	9·0	52	31	13	30	2	—	—	—	—
September	26·0	12·6	32·0	7·6	36·4	4·0	67	39	37	51	4	—	—	—	—
October	21·6	9·3	28·4	3·9	33·4	0·6	81	49	82	73	7	—	—	—	—
November	15·1	5·8	21·1	−0·8	26·0	−5·0	86	64	133	61	12	—	—	—	—
December	11·0	3·1	16·5	−3·5	19·0	−10·2	86	69	173	122	15	—	—	—	—
Year	19·5	7·8	36·9*	−7·0*	40·2	−16·4	72	51	932	122	98	—	—	—	—
No. of years	19	19	19	19	19	19	18	18	18	18	18	—	—	—	—

Zákinthos (Zante) 37°47′N 20°53′E 1 m

Period 1932–40 Bibliography 29	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	13·9	7·7	17·0	4·6	19·4	1·2	77	70	153	74	13	—	—	—	—
February	14·3	7·5	18·1	3·4	20·2	1·0	75	68	110	47	10	—	—	—	—
March	16·4	10·0	20·8	6·6	22·6	5·0	74	63	79	42	10	—	—	—	—
April	20·2	12·6	24·1	8·6	27·0	6·0	74	63	54	58	6	—	—	—	—
May	24·7	15·5	29·7	11·9	32·6	10·4	73	57	21	32	3	—	—	—	—
June	28·7	18·8	33·5	15·7	36·6	13·6	71	56	27	45	2	—	—	—	—
July	32·2	21·7	37·3	18·4	40·0	16·0	71	54	0	0	0	—	—	—	—
August	32·3	22·0	35·9	18·7	36·8	16·0	73	55	10	60	1	—	—	—	—
September	28·7	19·7	32·5	16·3	36·4	13·2	75	61	34	55	3	—	—	—	—
October	24·9	17·1	29·5	13·8	33·4	11·6	79	67	91	42	8	—	—	—	—
November	19·6	13·6	23·2	9·1	25·6	5·4	79	71	158	133	11	—	—	—	—
December	15·5	10·1	18·9	5·4	20·2	2·0	80	73	185	50	15	—	—	—	—
Year	22·6	14·7	38·0*	2·5*	40·0	1·0	75	63	922	133	82	—	—	—	—
No. of years	8	7	8	7	8	7	9	9	9	9	9	—	—	—	—

*Average of highest/lowest each year

HUNGARY

Baja 46°10′N 18°58′E 109 m

Period 1931–60 Bibliography 32, 33, 34	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·6	−4·9	9·7	−14·8	16·2	−34·1	90	80	34	42	11	64	23	8·5	13
February	4·6	−3·4	13·3	−13·4	18·4	−26·0	89	73	39	27	11	96	33	10·0	8
March	10·6	0·8	19·9	−5·9	24·9	−15·4	84	60	37	49	10	152	41	11·8	6
April	17·0	5·8	25·0	−1·3	29·2	−8·7	78	52	51	34	10	192	47	13·0	3
May	21·8	10·5	29·1	4·1	34·9	−0·2	77	53	71	49	12	249	54	14·0	1
June	25·5	13·8	31·9	9·0	37·6	4·1	77	54	70	55	12	274	58	14·9	1
July	27·7	15·4	34·9	10·9	39·4	6·0	76	52	53	59	9	307	64	14·2	0
August	27·4	14·7	34·7	10·4	39·7	6·4	78	51	46	38	8	291	66	13·4	1
September	23·7	11·0	30·7	4·8	33·8	−1·7	83	53	45	39	7	226	60	13·2	1
October	16·7	6·0	25·3	−0·7	30·0	−8·0	90	64	55	43	10	160	47	10·6	5
November	9·2	2·5	17·5	−4·3	23·3	−11·0	92	77	66	46	13	72	25	9·2	12
December	4·3	−1·5	11·9	−9·9	17·5	−19·2	92	83	42	31	12	54	20	8·0	14
Year	15·8	5·9	35·8*	−18·2*	39·7	−34·1	84	63	609	59	125	2137	48	14·9	65
No. of years	27	27	30	30	30	30	28	28	30	30	30	29	29	29	27

Békéscsaba 46°41′N 21°05′E 87 m

Period 1931–60 Bibliography 32, 33, 34	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·4	−5·2	8·8	−14·4	16·4	−25·0	92	84	31	23	12	65	23	8·8	12
February	4·3	−3·1	12·6	−12·4	17·2	−26·2	91	77	35	37	12	79	27	10·0	9
March	10·6	0·7	19·9	−6·5	24·2	−17·2	87	62	33	26	11	140	38	11·3	5
April	17·3	5·9	25·1	−1·1	31·7	−6·4	80	53	43	63	11	186	46	13·6	3
May	22·5	10·8	29·6	4·3	34·4	−0·2	79	53	67	59	13	240	51	14·7	2
June	26·1	14·0	32·5	9·0	37·6	3·6	79	54	75	63	12	271	57	15·1	1
July	28·5	15·8	35·2	11·2	39·6	7·5	78	50	57	54	10	305	64	15·2	0
August	28·0	15·1	35·4	10·5	40·0	6·0	80	50	47	52	9	279	63	14·2	1
September	24·2	11·4	31·0	5·1	38·0	0·4	85	52	39	49	8	214	57	11·7	1
October	16·9	6·1	25·4	−·04	32·2	−7·0	91	62	47	42	10	155	46	10·1	4
November	9·2	2·7	17·4	−4·2	21·3	−10·5	94	78	56	36	13	66	23	9·0	12
December	4·2	−1·4	13·1	−10·1	18·4	−25·5	93	85	42	23	13	52	20	8·1	14
Year	16·1	6·1	36·4*	−17·8*	40·0	−26·2	86	63	572	63	134	2052	46	15·2	64
No. of years	25	25	30	30	30	30	29	29	30	30	30	25	25	23	23

Budapest 47°26′N 19°11′E 139 m

Period 1931–60 Bibliography 32, 33, 34	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·2	−4·0	8·0	−11·9	13·9	−22·5	85	76	37	28	13	59	21	8·2	14
February	4·1	−2·3	11·6	−10·0	17·0	−20·0	83	68	44	40	12	85	29	9·5	8
March	10·1	1·5	18·9	−5·0	23·3	−9·4	79	55	38	33	11	141	38	11·1	5
April	16·8	6·6	24·5	0·7	29·2	−3·4	72	48	45	43	11	196	48	13·5	2
May	21·9	11·3	28·8	5·0	32·6	0·9	72	49	72	94	13	249	53	14·7	1
June	25·5	14·7	31·8	9·8	39·4	4·0	72	49	69	73	13	274	57	15·3	1
July	27·7	16·4	34·2	12·3	38·3	6·3	71	47	56	52	10	309	64	15·3	0
August	27·3	15·7	34·1	11·4	39·0	8·1	74	47	47	35	9	284	64	14·2	1
September	23·2	11·9	30·0	6·5	34·9	2·1	79	49	33	43	7	214	56	12·6	1
October	15·9	6·9	24·6	0·7	32·2	−4·7	86	60	57	46	10	145	43	11·0	5
November	8·1	3·1	15·2	−2·9	20·9	−8·1	88	76	70	40	14	60	21	9·0	13
December	3·6	−1·0	10·7	−8·2	14·6	−13·2	87	81	46	37	13	44	17	7·6	17
Year	15·5	6·7	35·4*	−14·1*	39·4	−22·5	79	59	614	94	136	2060	46	15·3	68
No. of years	26	26	30	30	30	30	30	30	30	30	30	30	30	30	30

*Average of highest/lowest each year

HUNGARY

Debrecen 47°30′N 21°38′E 111 m

Period 1931–60 Bibliography 32, 33, 34	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0730	Average of observations at 1430	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·3	−6·0	7·7	−16·1	14·2	−28·0	89	78	34	17	13	61	22	8·9	14
February	3·1	−3·9	11·5	−12·7	18·0	−25·5	88	71	35	22	11	84	29	10·0	10
March	9·9	0·1	19·1	−8·2	25·3	−17·6	85	59	30	24	11	147	40	11·1	5
April	16·4	5·0	24·9	−1·9	30·8	−6·0	80	51	37	34	11	191	47	13·3	3
May	21·8	9·8	29·4	2·9	32·7	−2·5	78	52	60	51	13	249	53	15·1	2
June	25·1	13·1	32·2	7·9	37·6	3·5	78	53	80	55	13	275	57	15·3	1
July	27·2	14·9	34·6	10·5	38·2	5·7	78	50	56	47	11	307	63	15·0	1
August	26·9	14·0	34·5	9·3	39·2	4·9	82	50	64	66	10	282	64	14·0	1
September	23·0	10·2	30·2	3·6	36·4	−1·6	87	50	40	36	8	214	56	12·4	1
October	16·2	5·1	24·3	−1·7	31·0	−8·9	90	59	49	48	10	161	48	10·1	4
November	8·6	2·0	17·3	−5·8	21·8	−11·9	91	75	53	30	12	65	23	9·0	13
December	3·4	−2·2	11·9	−12·0	17·4	−19·6	91	80	39	32	13	49	19	8·0	15
Year	15·2	5·2	35·7*	−18·4*	39·2	−28·0	85	61	577	66	136	2085	47	15·3	70
No. of years	28	28	30	30	30	30	23	23	30	30	29	22	22	22	22

Győr 47°42′N 17°40′E 115 m

Period 1931–60 Bibliography 32, 33, 34	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0700	Average of observations at 1400	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·2	−4·6	8·8	−13·9	15·1	−31·1	87	75	34	21	12	77	28	—	—
February	3·8	−3·1	11·7	−11·4	17·4	−24·4	87	71	40	29	11	92	32	—	—
March	9·6	1·1	18·9	−6·1	23·3	−17·1	85	60	38	44	10	120	33	—	—
April	16·2	5·9	24·3	−0·5	28·2	−4·4	81	50	42	36	10	181	44	—	—
May	21·0	10·3	28·3	3·7	33·0	−0·4	79	50	66	68	12	253	54	—	—
June	24·5	13·6	31·0	8·7	35·6	5·8	77	51	67	68	11	244	51	—	—
July	26·5	15·4	33·2	11·2	38·5	8·3	79	51	66	59	11	267	55	—	—
August	25·9	14·8	33·0	9·8	37·9	5·0	81	49	60	64	10	275	62	—	—
September	22·1	11·3	29·4	5·1	33·7	−2·0	85	50	42	53	8	203	54	—	—
October	15·1	6·2	23·5	−0·8	28·5	−4·4	89	59	55	65	10	143	42	—	—
November	8·2	2·8	16·0	−3·5	20·8	−9·6	89	73	53	50	12	59	21	—	—
December	3·7	−1·3	11·6	−9·5	16·5	−20·0	89	78	45	30	12	62	24	—	—
Year	14·8	6·0	34·2*	−16·3*	38·5	−31·1	84	60	608	68	129	1976	44	—	—
No. of years	25	25	30	30	30	30	11	11	30	30	30	3	3	—	—

Kecskemét 46°54′N 19°46′E 113 m

Period 1931–60 Bibliography 32, 33, 34	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0730	Average of observations at 1430	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·4	−4·8	8·7	−15·6	16·7	−33·0	89	79	30	26	10	65	23	8·8	14
February	6·0	−3·2	11·8	−13·1	17·5	−24·8	88	71	34	25	10	95	33	9·9	8
March	9·8	0·3	19·0	−6·5	23·9	−14·2	84	56	32	34	10	144	39	11·6	6
April	16·6	5·6	24·5	−1·2	29·3	−4·0	80	48	38	28	9	193	47	13·3	3
May	21·7	10·5	28·9	4·1	33·5	0·5	77	49	62	44	12	256	55	15·1	1
June	25·6	13·6	32·3	8·6	38·6	3·7	74	47	57	48	11	279	59	15·3	1
July	27·8	15·3	34·3	11·2	39·0	7·1	75	46	51	56	9	312	65	15·0	0
August	27·2	14·6	34·2	10·0	39·5	5·5	79	44	45	67	8	287	65	14·4	1
September	23·0	10·6	30·0	4·8	34·6	0·1	84	46	38	54	6	221	58	12·2	1
October	16·2	5·6	24·8	−0·8	29·6	−4·0	89	55	45	36	9	159	47	10·7	5
November	8·5	2·2	16·2	−4·9	21·7	−11·0	91	74	55	37	12	74	26	9·3	12
December	3·5	2·2	11·5	−10·4	15·3	−21·2	91	81	36	21	11	54	20	7·9	15
Year	15·6	6·0	35·3*	−18·5*	39·5	−33·0	83	58	523	67	117	2139	48	15·3	67
No. of years	25	25	30	30	30	30	14	14	30	30	29	27	27	25	25

*Average of highest/lowest each year

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Keszthely 46°46′N 17°14′E 128 m

Period 1931–60 Bibliography 32, 33, 34	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·6	−3·9	10·1	−12·3	17·8	−23·9	87	78	40	21	12	65	23	8·5	10
February	4·5	−2·7	13·3	−10·5	19·3	−20·7	86	71	41	44	11	98	34	10·3	8
March	10·0	1·3	19·3	−5·1	23·2	−14·1	83	61	36	32	10	149	40	11·6	6
April	16·3	6·2	24·4	0·3	28·3	−3·0	77	52	42	26	11	193	47	13·6	3
May	21·0	10·7	28·1	4·1	32·0	0·1	79	56	74	38	13	242	52	14·9	3
June	24·6	13·9	30·9	9·4	36·9	5·7	79	57	79	68	12	267	56	15·4	1
July	26·9	15·9	33·1	11·4	38·9	7·6	79	54	76	69	11	292	61	15·2	1
August	26·4	15·3	33·0	10·8	37·8	7·0	82	53	70	72	10	278	63	14·3	1
September	22·6	12·0	29·4	5·8	33·3	0·8	85	56	57	57	8	215	57	12·5	2
October	15·8	7·0	23·9	0·7	27·6	−5·6	88	65	59	38	11	142	42	10·7	6
November	8·5	2·9	16·2	−2·9	22·0	−7·5	89	75	62	50	13	68	24	9·0	13
December	3·6	−1·2	11·7	−7·7	16·2	−17·2	89	82	50	25	13	51	19	7·9	16
Year	15·1	6·5	34·1*	−14·5*	38·9	−23·9	84	63	686	72	135	2060	46	15·4	70
No. of years	30	30	30	30	30	30	29	29	30	30	30	28	28	26	26

Miskolc 48°08′N 20°48′E 118 m

Period 1931–60 Bibliography 32, 33, 34	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·2	−6·6	7·1	−15·9	14·0	−26·4	89	82	31	25	10	59	21	8·4	15
February	3·0	−4·7	10·4	−13·9	16·2	−27·8	89	75	32	26	10	77	27	10·3	10
March	9·7	−0·9	18·2	−7·7	23·6	−17·3	85	61	28	35	9	151	41	10·6	5
April	16·5	4·2	24·3	−2·5	29·2	−7·0	79	51	39	32	10	182	45	13·2	2
May	21·6	9·2	28·5	2·9	33·5	−2·0†	78	53	70	59	12	240	51	14·8	2
June	25·0	12·6	31·1	6·9	35·8	3·8	79	56	84	66	13	242	51	15·3	1
July	27·3	14·1	33·7	10·0	38·2	5·0	80	54	66	56	10	278	57	15·1	0
August	26·8	13·5	33·5	8·8	38·6	5·5	83	53	66	88	10	259	58	14·0	1
September	22·8	9·7	29·2	3·1	34·6	−1·3	88	54	40	36	8	197	52	12·0	1
October	15·5	4·3	23·5	−1·9	30·0	−8·9	91	64	49	52	10	141	42	9·7	4
November	7·7	1·1	15·0	−6·0	19·6	−12·5	92	79	56	40	13	56	20	8·8	13
December	2·6	−2·6	9·7	−11·4	13·0	−20·0	91	86	40	35	12	36	14	7·5	18
Year	14·9	4·5	34·6*	−18·1*	38·6	−27·8	85	64	601	88	127	1918	43	15·3	72
No. of years	25	25	30	30	30	30	28	28	30	30	30	13	13	11	11

Nagykanizsa 46°26′N 16°58′E 147 m

Period 1931–60 Bibliography 32, 33, 34	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·1	−4·9	9·8	−13·6	15·9	−27·4	88	77	48	37	12	—	—	—	—
February	4·8	−3·7	13·0	−12·0	19·5	−26·6	87	70	47	32	10	—	—	—	—
March	10·3	0·2	18·9	−6·6	23·0	−21·1	85	59	42	38	9	—	—	—	—
April	17·0	4·8	24·2	−1·5	28·7	−8·0	80	51	49	31	11	—	—	—	—
May	21·3	9·1	27·8	2·2	32·3	−9·2	79	53	84	55	13	—	—	—	—
June	24·4	12·2	30·6	8·2	37·0	1·2	80	54	84	73	13	—	—	—	—
July	26·5	14·1	32·6	10·1	38·5	4·7	81	53	85	72	11	—	—	—	—
August	26·8	13·3	32·4	8·9	37·8	5·0	84	51	68	67	10	—	—	—	—
September	22·8	9·9	28·9	4·0	33·6	−2·0	88	54	61	70	9	—	—	—	—
October	16·0	5·1	23·6	−0·8	28·8	−8·5	91	63	66	39	11	—	—	—	—
November	8·7	1·8	16·4	−4·4	22·4	−12·5	90	74	73	47	12	—	—	—	—
December	4·4	−1·3	12·0	−8·8	15·6	−17·8	91	80	58	39	13	—	—	—	—
Year	15·4	5·1	33·5*	−16·6*	38·5	−27·4	85	62	765	73	134	—	—	—	—
No. of years	18	18	30	30	30	30	16	16	30	30	30	—	—	—	—

*Average of highest/lowest each year

†Estimated

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Pécs 46°00′N 18°14′E 201 m

Period 1931–60 Bibliography 32, 33, 34	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·4	−3·7	10·7	−13·1	17·1	−27·0	83	72	40	35	11	71	25	8·5	13
February	4·4	−3·1	14·1	−11·8	18·7	−23·4	82	67	42	37	10	99	34	10·1	8
March	10·1	0·4	20·0	−5·2	24·2	−14·1	79	57	41	54	10	146	40	11·0	7
April	16·6	5·5	24·8	−0·7	29·9	−7·6	74	49	55	41	10	190	47	13·4	4
May	21·7	10·3	28·4	3·7	33·8	−2·6	72	51	66	37	13	239	52	15·0	2
June	25·1	13·6	13·1	8·8	38·9	3·1	71	50	71	58	11	277	59	15·3	2
July	27·5	15·8	34·4	10·4	41·3	3·1	69	48	64	74	10	310	65	15·0	1
August	27·6	15·0	34·3	10·2	39·6	3·4	71	46	57	80	9	290	66	14·2	1
September	23·5	11·6	30·4	4·9	34·4	0·9	77	46	45	45	7	215	57	13·0	2
October	16·5	6·6	25·2	0·3	29·4	−5·6	83	56	66	69	10	153	45	11·0	6
November	9·0	2·6	17·5	−3·8	22·6	−9·6	86	70	68	48	12	71	25	8·9	13
December	4·5	−1·4	13·0	−8·6	16·3	−16·6	85	74	46	30	12	52	19	8·3	16
Year	15·7	6·1	35·4*	−15·7*	41·3	−27·0	78	57	661	80	125	2113	47	15·3	75
No. of years	20	20	29	29	29	29	19	19	29	29	28	23	23	23	23

Siófok 46°54′N 18°03′E 112 m

Period 1931–60 Bibliography 32, 33, 34	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·6	−4·5	9·7	−14·8	15·6	−32·2	87	81	39	31	11	61	22	8·6	15
February	3·9	−3·5	12·0	−12·4	20·0	−26·8	83	71	46	32	10	98	34	10·0	9
March	9·5	0·6	18·8	−6·3	23·2	−17·6	83	64	36	25	9	144	39	10·9	6
April	16·1	6·1	23·9	−0·9	29·6	−4·8	77	55	41	28	9	184	45	13·3	3
May	21·0	10·6	28·3	3·9	32·5	−1·3	76	58	70	63	13	252	54	15·0	2
June	24·6	14·0	31·2	9·0	37·4	6·1	76	57	66	55	11	280	59	15·2	1
July	26·8	15·8	33·4	11·6	37·6	5·5	75	57	57	46	9	313	65	15·0	0
August	26·3	15·0	33·0	10·5	37·6	6·8	77	55	59	46	9	280	64	14·1	1
September	22·8	10·9	29·7	4·8	33·5	0·4	82	57	45	57	8	211	56	12·2	2
October	15·7	6·1	24·2	−0·9	27·6	−9·1	87	67	61	51	10	137	40	9·9	7
November	8·5	2·7	16·3	−3·6	22·0	−10·8	89	78	66	31	12	69	24	8·8	13
December	3·6	−1·6	11·5	−9·2	16·5	−19·4	89	84	46	28	12	52	20	7·7	17
Year	15·0	6·0	34·4*	−17·7*	37·6	−32·2	82	65	632	63	123	2081	47	15·2	76
No. of years	29	29	29	29	29	29	10	10	29	29	29	17	17	14	14

Szeged 46°15′N 20°06′E 82 m

Period 1931–60 Bibliography 32, 33, 34	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·6	−4·4	9·0	−14·3	15·4	−29·1	90	83	34	22	12	69	24	8·5	12
February	4·2	−3·1	12·4	−13·0	18·2	−26·4	89	77	37	26	11	91	32	10·0	8
March	10·2	1·2	19·9	−5·8	24·4	−16·2	86	63	35	40	10	148	40	11·4	5
April	16·9	6·5	24·8	−0·8	30·7	−6·7	79	53	41	51	11	198	49	13·2	2
May	22·1	11·4	29·3	4·3	33·7	−1·2	78	52	62	40	13	256	55	14·8	1
June	25·7	14·8	32·4	9·1	38·0	3·2	76	51	63	44	11	283	60	15·6	1
July	28·2	16·7	34·9	11·4	38·7	6·0	75	48	51	60	8	325	68	15·9	0
August	27·7	15·9	35·0	10·7	39·7	6·4	78	49	47	41	8	298	68	14·1	0
September	23·9	12·4	30·9	5·6	38·2	1·0	83	50	42	54	7	225	60	12·4	1
October	17·1	7·2	25·8	−0·3	30·6	−8·4	88	61	46	34	9	168	50	11·1	4
November	9·4	3·1	17·0	−3·9	22·5	−12·1	91	77	59	35	12	71	25	9·5	11
December	4·0	−1·3	11·9	−9·9	16·7	−21·7	91	83	39	29	12	60	22	8·0	13
Year	15·9	6·7	36·0*	−18·2*	39·7	−29·1	84	62	556	60	124	2192	49	15·9	58
No. of years	28	28	29	30	29	30	28	28	30	30	30	22	22	24	24

*Average of highest/lowest each year

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Székesfehérvár 47°10′N 18°25′E 107 m

Period 1931–60 Bibliography 32, 33, 34	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	1·4	−5·1	8·8	−14·2	15·0	−29·0	88	80	28	16	10	—	—	—	—
February	4·1	−3·3	12·2	−11·6	19·0	−22·6	86	71	39	32	9	—	—	—	—
March	10·0	0·4	19·0	−6·3	23·5	−13·0	86	60	34	37	9	—	—	—	—
April	16·2	5·2	24·1	−0·8	28·2	−4·0	81	51	43	27	9	—	—	—	—
May	20·9	9·5	28·4	3·1	32·8	−1·9	76	54	61	58	11	—	—	—	—
June	24·7	13·0	31·3	8·4	37·4	3·5	76	51	67	86	10	—	—	—	—
July	26·8	14·6	33·9	10·5	39·2	3·7	78	52	60	79	8	—	—	—	—
August	26·4	13·7	33·6	9·3	38·0	4·2	82	55	46	44	9	—	—	—	—
September	22·8	9·7	29·7	3·9	33·1	−2·3	87	55	40	42	7	—	—	—	—
October	16·0	4·9	24·7	−1·4	28·8	−6·6	89	63	50	43	9	—	—	—	—
November	8·3	1·9	15·6	−4·5	21·6	−11·3	91	77	59	38	11	—	—	—	—
December	3·7	−1·8	11·1	−9·3	15·1	−19·5	89	83	39	25	11	—	—	—	—
Year	15·1	5·2	35·0*	−16·5*	39·2	−29·0	84	63	566	86	113	—	—	—	—
No. of years	22	22	27	27	27	27	13	13	27	27	27	—	—	—	—

Szolnok 47°09′N 20°15′E 86 m

Period 1941–60 Bibliography 33, 34	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1430							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	1·5	−5·0	8·5	−15·8	13·4	−28·3	89	79	29	17	11	—	—	—	—
February	3·7	−3·8	11·6	−13·5	16·5	−25·3	87	72	37	22	10	—	—	—	—
March	10·2	0·4	18·6	−6·1	22·2	−10·0	84	59	26	37	8	—	—	—	—
April	16·8	5·9	24·3	−1·0	28·6	−3·5	79	52	37	24	10	—	—	—	—
May	21·9	10·7	29·1	3·5	33·0	0·0	78	53	55	64	11	—	—	—	—
June	25·4	14·0	31·4	8·5	35·9	5·1	78	56	60	53	10	—	—	—	—
July	27·5	15·9	34·0	10·2	38·8	6·0	77	50	49	47	9	—	—	—	—
August	27·4	15·1	34·3	10·0	38·2	7·5	79	49	36	51	6	—	—	—	—
September	23·6	11·2	30·3	4·3	34·5	−5·0	82	48	26	50	6	—	—	—	—
October	16·2	4·9	24·8	−1·2	29·0	−8·2	89	58	36	33	7	—	—	—	—
November	8·8	2·2	16·2	−5·7	22·0	−10·8	90	76	58	36	13	—	—	—	—
December	4·2	−1·3	11·9	−10·2	16·0	−25·3	91	81	38	30	11	—	—	—	—
Year	15·6	5·9	35·2*	−18·4*	38·8	−28·3	84	61	487	64	112	—	—	—	—
No. of years	16	16	20	20	20	20	9	9	20	20	19	—	—	—	—

Szombathely 47°16′N 16°38′E 224 m

Period 1931–60 Bibliography 32, 33, 34	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	1·1	−5·6	9·4	−14·8	15·0	−24·0	90	80	27	24	10	69	25	8·2	11
February	4·1	−4·1	12·4	−12·3	18·6	−22·4	89	73	28	29	10	87	30	9·7	8
March	9·7	−0·3	18·7	−8·1	22·6	−17·0	87	63	37	31	9	129	35	11·0	6
April	15·6	4·1	23·5	−1·8	29·6	−5·6	80	53	42	28	11	174	43	13·3	3
May	19·9	8·2	27·1	2·0	32·4	−3·4	79	56	71	46	13	221	47	14·9	2
June	23·6	11·7	29·9	7·2	36·2	3·9	79	57	79	42	13	237	50	15·1	1
July	25·9	13·6	32·0	9·4	38·6	6·2	80	56	86	52	12	249	52	15·0	1
August	25·3	13·1	31·6	8·7	37·5	5·5	84	56	76	45	12	249	56	14·2	1
September	21·7	9·6	28·6	3·6	32·8	−1·6	88	58	50	43	9	179	47	12·0	3
October	15·0	5·1	23·0	−1·4	27·9	−7·8	91	66	52	41	11	130	38	10·0	6
November	7·8	1·4	15·7	−4·9	22·0	−9·4	91	78	49	47	11	59	21	8·8	13
December	3·3	−2·6	11·6	−10·2	18·0	−18·3	92	84	43	29	11	55	21	7·6	14
Year	14·4	4·5	32·9*	−17·1*	38·6	−24·0	86	65	640	52	132	1838	41	15·1	69
No. of years	28	28	30	29	30	29	30	30	30	30	30	21	21	21	21

*Average of highest/lowest each year

ICELAND

Akureyri 65° 41′N 18° 15′W 7 m

Period 1937–66 Bibliography 35	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·0	−4·2	9·9	−14·9	13·6	−20·3	86	85	45	27	14	7	5	3·9	26
February	0·9	−3·9	8·9	−13·9	12·6	−20·0	87	84	40	21	13	33	14	7·0	15
March	2·6	−3·4	10·6	−13·7	16·0	−22·9	87	82	41	26	12	79	22	10·6	12
April	3·2	−1·2	12·5	−9·2	16·0	−16·6	84	77	31	28	11	107	24	13·9	11
May	9·7	2·8	17·9	−3·8	21·6	−9·0	78	69	18	24	8	163	28	16·6	9
June	12·9	5·9	21·0	0·9	28·6	−3·0	76	68	24	42	9	168	26	17·6	9
July	14·1	7·8	21·4	3·3	26·3	0·5	81	73	32	24	11	154	25	17·1	6
August	13·3	7·1	19·9	1·7	25·0	−2·2	85	75	34	52	11	116	23	14·8	10
September	10·7	4·7	17·2	−1·7	22·0	−8·4	83	72	44	92	12	78	20	11·8	9
October	6·6	1·2	14·3	−6·8	17·8	−11·2	85	79	49	30	14	55	18	8·2	14
November	3·3	−1·9	11·8	−12·0	17·6	−18·3	86	85	46	27	14	13	7	4·5	23
December	1·4	−3·5	9·5	−13·4	15·1	−20·2	87	86	53	33	16	0	0	0·6	30
Year	6·6	0·9	23·0*	−17·8*	28·6	−22·9	84	75	457	92	145	973	21	17·6	174
No. of years	30	30	30	30	30	30	10	10	30	30	30	30	30	12	12

Grímsey 66° 33′N 18° 01′W 22 m

Period 1937–66 Bibliography 35	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·9	−2·9	7·4	−9·9	10·0	−16·2	—	—	48	16	16	—	—	—	—
February	1·3	−2·5	6·6	−10·3	11·3	−14·9	—	—	52	45	16	—	—	—	—
March	1·2	−3·1	7·3	−10·7	11·1	−20·4	—	—	48	21	16	—	—	—	—
April	2·3	−1·6	7·9	−8·3	11·4	−14·7	—	—	44	37	16	—	—	—	—
May	5·4	1·1	12·5	−4·8	16·7	−9·4	—	—	26	26	11	—	—	—	—
June	8·8	4·0	15·2	0·0	19·2	−3·2	—	—	28	19	10	—	—	—	—
July	10·3	5·8	15·7	2·6	19·6	−0·5	—	—	40	38	11	—	—	—	—
August	9·7	5·5	15·0	1·5	18·8	−3·6	—	—	52	55	13	—	—	—	—
September	8·2	4·0	13·7	−0·2	16·5	−2·4	—	—	68	35	16	—	—	—	—
October	5·7	2·0	10·7	−4·2	14·9	−7·6	—	—	58	29	17	—	—	—	—
November	3·2	−0·6	9·4	−7·3	11·3	−11·6	—	—	49	29	16	—	—	—	—
December	1·5	−2·1	7·0	−9·1	11·3	−13·5	—	—	46	21	18	—	—	—	—
Year	4·9	0·8	17·0*	−13·5*	19·6	−20·4	—	—	559	55	176	—	—	—	—
No. of years	23	20	23	20	23	20	—	—	30	30	30	—	—	—	—

Hallormsstaður 65° 05′N 14° 39′W 40 m

Period 1937–66 Bibliography 35	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·1	−4·0	9·9	−14·5	13·0	−19·5	75	75	104	68	13	1	0	1·6	30
February	1·6	−4·1	9·3	−14·3	13·2	−20·6	76	74	62	51	11	33	14	6·4	13
March	3·3	−3·1	11·3	−13·5	16·5	−20·9	74	71	41	35	11	89	25	10·1	8
April	5·2	−1·4	12·9	−9·6	17·5	−17·4	73	69	39	40	11	126	28	14·3	7
May	9·5	1·7	18·3	−5·2	24·4	−9·9	70	64	25	31	8	175	31	16·6	5
June	13·0	4·7	21·3	−0·8	26·0	−3·8	71	65	28	36	9	175	27	18·5	5
July	14·9	6·8	22·9	1·9	30·0	−1·0	76	69	39	37	12	169	27	17·1	7
August	13·7	6·4	20·2	0·8	27·0	−2·4	81	72	40	34	12	112	22	15·5	9
September	11·1	4·1	18·5	−2·4	24·4	−7·9	77	71	51	30	12	93	24	11·6	8
October	7·2	1·4	14·5	−7·6	18·5	−11·9	77	73	65	52	12	53	18	8·5	11
November	3·8	−1·4	12·2	−11·9	17·0	−17·3	76	75	75	59	13	6	3	6·0	25
December	1·5	−3·4	10·0	−13·4	12·4	−18·5	78	79	87	49	13	0	0	0·0	31
Year	7·2	0·6	24·0*	−17·2*	30·0	−20·9	75	71	656	68	137	1032	23	18·5	159
No. of years	29	29	29	29	29	29	9	9	29	29	29	14	14	14	14

*Average of highest/lowest each year

ICELAND

Hólar í Hornafirði 64° 18′N 15° 11′W 17 m

Period 1937–66 Bibliography 35	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·2	−1·9	8·0	−9·1	11·1	−15·2	77	76	192	103	18	33	20	6·3	18
February	2·5	−2·1	7·5	−9·7	9·9	−13·4	76	74	125	107	14	76	32	9·3	12
March	3·9	−1·1	9·3	−8·8	15·2	−13·5	76	71	122	57	16	114	32	11·6	10
April	5·9	0·5	10·7	−6·0	14·1	−11·6	76	71	118	90	15	130	29	14·3	8
May	9·1	3·4	14·3	−2·6	17·8	−7·9	73	70	97	107	13	164	29	16·4	7
June	12·1	6·1	16·8	1·9	23·2	−1·5	76	73	87	78	13	146	24	17·3	7
July	13·4	7·9	17·7	4·4	21·4	2·6	80	75	88	61	15	145	24	16·3	8
August	12·8	7·4	16·3	3·0	19·4	0·4	79	75	109	56	16	137	27	14·8	8
September	10·6	5·3	14·4	0·5	18·5	−3·9	80	74	152	101	15	110	28	12·4	9
October	7·2	2·8	11·4	−3·7	17·6	−7·5	81	75	183	100	18	76	25	10·4	13
November	4·3	0·1	9·6	−6·8	15·2	−10·5	76	74	166	89	17	48	25	7·7	14
December	2·6	−1·5	8·2	−8·9	10·9	−13·0	76	75	182	92	18	18	13	3·9	19
Year	7·2	2·2	18·6*	−11·9*	23·2	−15·2	77	74	1621	107	188	1197	26	17·3	133
No. of years	30	30	30	30	30	30	10	10	30	30	30	10	10	10	10

Kirkjubæjarklaustur 63° 47′N 18° 04′W 49 m

Period 1937–66 Bibliography 35	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·8	−3·1	7·2	−10·6	9·0	−15·5	81	79	154	65	17	—	—	—	—
February	2·2	−2·5	7·1	−10·5	9·9	−19·4	79	75	119	77	14	—	—	—	—
March	4·0	−1·2	9·0	−9·8	12·0	−14·5	81	76	136	70	17	—	—	—	—
April	6·3	0·6	11·5	−6·2	15·7	−13·2	79	71	123	111	16	—	—	—	—
May	10·1	3·7	15·9	−2·1	20·8	−8·0	76	70	116	56	16	—	—	—	—
June	13·1	6·6	19·2	2·3	30·2	−1·0	78	72	129	69	15	—	—	—	—
July	15·0	8·4	20·7	5·2	26·2	2·9	80	73	125	80	16	—	—	—	—
August	13·9	7·7	18·3	3·6	22·0	1·1	81	73	149	68	18	—	—	—	—
September	11·4	5·5	15·7	1·3	19·5	−3·5	83	74	169	93	16	—	—	—	—
October	7·4	2·6	11·7	−3·7	14·9	−7·0	83	80	209	74	18	—	—	—	—
November	4·1	−0·3	9·3	−7·6	11·7	−11·6	80	77	157	78	15	—	—	—	—
December	2·2	−2·2	7·6	−10·2	10·1	−15·9	79	77	164	51	18	—	—	—	—
Year	7·6	2·1	21·5*	−13·2*	30·2	−19·4	80	75	1750	111	196	—	—	—	—
No. of years	30	29	30	29	30	29	10	10	30	30	30	—	—	—	—

Raufarhöfn 66° 28′N 15° 57′W 7 m [Sunshine data for Höskuldarnes 66° 29′N 15° 55′W height not known]

Period 1937–66 Bibliography 35	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·6	−4·2	8·0	−13·5	10·3	−19·6	80	80	48	40	16	12	9	4·9	24
February	1·1	−3·7	7·0	−12·3	11·1	−18·5	79	79	40	19	15	40	18	8·5	14
March	1·5	−3·5	8·3	−12·4	12·7	−19·8	81	79	41	42	15	93	26	11·2	8
April	3·0	−2·1	9·7	−9·4	14·2	−16·4	82	80	43	33	14	118	26	14·3	10
May	6·2	1·2	15·6	−4·7	20·0	−9·5	84	82	27	35	12	155	17	16·6	8
June	9·3	4·1	17·4	0·0	23·7	−2·7	84	82	36	33	10	177	26	17·3	5
July	11·1	6·3	18·6	2·4	25·2	0·6	87	83	55	69	13	152	24	17·4	8
August	10·3	5·4	16·8	0·9	23·3	−2·4	90	87	70	39	16	96	18	16·3	11
September	8·8	3·8	15·6	−1·2	21·4	−3·9	89	84	86	47	17	84	21	12·7	10
October	6·0	1·1	12·4	−5·8	17·2	−9·6	87	84	72	57	17	53	18	8·5	13
November	3·0	−1·6	9·8	−9·9	13·5	−13·7	83	82	54	31	17	15	9	5·8	23
December	1·0	−3·7	7·2	−12·3	11·2	−17·9	80	80	52	21	18	0	0	1·3	31
Year	5·2	0·2	20·5*	−15·9*	25·2	−19·8	84	82	624	69	180	995	22	17·4	165
No. of years	18	18	18	18	18	18	10	10	30	30	30	10	10	10	10

*Average of highest/lowest each year

ICELAND

Reykhólar 65° 27′N 22° 12′W 27 m

Period 1948–66 Bibliography 35	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possibie	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·0	−3·3	8·0	−10·6	9·7	−15·8	—	—	49	30	15	12	8	5·1	25
February	1·7	−2·8	7·4	−10·2	10·0	−15·2	—	—	47	63	13	43	19	8·5	14
March	2·4	−2·2	8·6	−9·9	10·8	−15·1	—	—	36	25	13	111	31	12·1	10
April	4·3	−0·9	10·8	−7·8	17·5	−14·0	—	—	34	27	12	157	35	14·7	8
May	8·0	2·6	14·3	−3·4	17·7	−7·5	—	—	31	21	11	177	31	15·9	6
June	11·4	5·9	16·7	1·6	19·9	−1·0	—	—	34	19	11	167	26	16·5	6
July	13·0	7·5	17·3	3·9	20·0	0·0	—	—	48	36	11	194	31	16·3	6
August	11·9	6·7	16·2	3·1	20·2	1·2	—	—	39	22	11	141	28	15·5	7
September	9·5	4·9	14·4	0·2	16·7	−3·2	—	—	55	37	14	106	27	13·7	10
October	6·6	2·2	12·5	−4·6	16·1	−9·5	—	—	73	42	17	53	18	9·8	16
November	3·7	−0·3	9·8	−6·7	11·8	−11·0	—	—	59	41	14	20	11	6·6	20
December	1·5	−2·7	8·0	−10·4	10·0	−15·1	—	—	38	16	15	2	2	2·1	29
Year	6·3	1·5	18·3*	−12·9*	20·2	−15·8	—	—	543	63	157	1183	26	16·5	157
No. of years	16	19	16	19	16	19	—	—	19	19	19	10	10	10	10

Reykjavík 64° 08′N 21° 56′W 18 m

Period 1937–66 Bibliography 35	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·8	−2·3	8·2	−10·6	10·0	−17·1	81	79	89	42	20	24	14	6·0	17
February	2·5	−2·0	7·8	−10·0	10·1	−13·6	78	75	64	40	17	56	24	9·1	9
March	4·0	−1·0	9·5	−9·5	14·2	−14·3	78	72	62	24	18	111	31	12·0	7
April	6·2	0·9	11·2	−6·1	15·2	−12·7	80	73	56	23	18	136	30	14·9	5
May	9·8	3·7	14·9	−1·9	20·6	−7·2	75	67	42	19	16	182	32	16·5	3
June	12·4	7·1	17·1	3·1	20·7	−0·2	78	72	42	22	15	182	30	17·4	5
July	13·9	8·8	18·3	5·2	23·4	1·4	81	72	50	31	15	180	30	17·4	5
August	13·6	8·1	17·4	3·5	21·4	−0·4	81	71	56	35	16	166	33	16·4	5
September	11·0	6·1	14·9	0·3	20·1	−3·5	82	73	67	49	19	106	27	12·9	7
October	7·4	3·1	12·1	−3·7	15·7	−10·2	83	78	94	37	21	72	23	10·3	9
November	4·1	0·2	9·8	−7·7	11·5	−11·6	80	80	78	29	18	34	17	7·0	15
December	2·4	−1·5	8·5	−10·3	11·4	−16·8	81	80	79	55	20	9	7	3·7	23
Year	7·4	2·6	19·3*	−12·9*	23·4	−17·1	80	74	779	55	213	1258	28	17·4	110
No. of years	30	30	30	30	30	30	10	10	30	30	30	30	30	12	12

Vestmannæyjar 63° 24′N 20° 17′W 122 m

Period 1937–66 Bibliography 35	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·8	0·1	8·1	−8·0	9·6	−14·0	80	79	142	61	21	—	—	—	—
February	3·5	0·3	7·9	−7·5	10·0	−13·5	79	77	109	54	19	—	—	—	—
March	4·2	0·9	8·2	−7·1	9·5	−13·6	82	80	113	47	20	—	—	—	—
April	5·6	2·0	9·1	−4·8	11·1	−14·1	82	79	106	53	20	—	—	—	—
May	8·3	4·6	11·6	−1·0	15·5	−7·2	83	78	87	57	19	—	—	—	—
June	10·6	7·0	13·9	4·1	17·5	0·0	86	83	83	47	16	—	—	—	—
July	12·3	8·7	15·6	6·1	19·0	4·4	88	84	86	45	17	—	—	—	—
August	12·2	8·6	15·4	5·5	19·0	3·0	86	81	100	69	18	—	—	—	—
September	10·0	6·9	13·0	2·5	18·2	−2·6	86	83	127	70	20	—	—	—	—
October	7·2	4·5	10·4	−1·6	13·3	−6·3	84	83	171	74	23	—	—	—	—
November	4·9	2·0	9·1	−5·3	10·4	−9·9	81	80	139	100	21	—	—	—	—
December	3·6	0·6	8·3	−7·1	10·5	−12·9	80	79	157	68	23	—	—	—	—
Year	7·1	3·9	16·2*	−11·0*	19·0	−14·1	83	81	1420	100	237	—	—	—	—
No. of years	30	30	30	30	30	30	9	9	30	30	30	—	—	—	—

*Average of highest/lowest each year

IRISH REPUBLIC

Belmullet (Béal an Mhuirthid) 54°14′N 10°00′W 9 m

Period 1958–67 Bibliography 36	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·6	2·6	11·4	−3·6	12·8	−6·4	86	82	108	28	18	58	23	8·0	9
February	8·5	3·6	11·7	−1·6	12·8	−6·3	84	78	64	21	13	71	26	9·1	7
March	9·9	4·4	13·6	−0·8	19·4	−5·5	84	76	82	26	16	105	29	11·2	5
April	11·6	5·6	15·7	0·4	19·1	−1·1	81	75	70	25	15	155	37	14·0	3
May	13·9	7·5	19·8	2·9	23·3	1·4	78	74	75	20	14	216	44	15·6	2
June	16·0	10·2	20·4	5·6	26·6	1·9	81	77	80	25	12	181	35	16·3	2
July	16·6	11·2	19·7	7·1	22·2	5·1	83	79	76	33	14	142	28	15·3	3
August	16·8	11·1	20·4	6·3	21·9	4·4	84	79	95	31	17	158	34	14·0	3
September	15·9	10·3	19·2	5·7	23·2	3·5	85	78	108	27	16	118	31	12·6	5
October	13·5	8·2	17·2	3·1	21·7	1·6	84	79	116	45	18	91	28	9·8	6
November	10·2	5·3	13·3	0·0	14·8	−1·0	86	80	127	34	20	58	23	7·9	8
December	8·6	3·8	11·9	−1·6	12·9	−5·1	84	82	131	26	22	40	17	6·7	10
Year	12·4	7·0	22·3*	−4·3*	26·6	−6·4	83	78	1132	45	195	1393	30	16·3	63
No. of years	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

Birr (Biorra) 53°05′N 7°53′W 70 m

Period 1958–67 Bibliography 36	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·8	1·1	11·6	−6·5	13·3	−11·6	90	83	75	28	13	57	22	7·4	11
February	8·3	2·2	12·6	−3·9	14·5	−8·7	88	75	50	23	10	70	25	9·1	7
March	9·9	3·1	15·3	−4·3	19·7	−10·5	86	71	54	18	11	104	28	11·7	6
April	12·4	4·3	17·7	−1·9	19·6	−3·8	82	68	67	31	12	133	32	13·6	3
May	15·2	6·4	21·2	0·7	24·1	−1·2	77	65	75	17	15	186	38	15·2	1
June	17·9	9·2	23·2	3·8	25·7	−0·2	79	67	63	24	13	160	32	15·4	2
July	18·3	10·7	23·4	5·2	26·4	3·6	81	69	77	31	12	126	25	14·8	3
August	18·3	10·3	22·4	4·2	24·2	1·2	85	70	90	29	15	145	32	13·8	2
September	17·0	8·8	21·6	2·6	26·3	0·7	86	71	84	32	13	118	31	11·2	3
October	13·7	6·6	17·9	−0·1	23·2	−1·6	90	76	88	33	14	89	27	9·6	5
November	9·6	3·1	13·8	−4·6	15·4	−6·9	91	80	79	21	13	67	26	7·9	9
December	7·7	1·7	12·6	−5·8	13·9	−9·4	90	83	95	31	15	55	23	6·7	10
Year	12·9	5·6	24·8*	−8·3*	26·4	−11·6	85	73	897	33	156	1310	28	15·4	62
No. of years	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

Claremorris (Clar Chloinne Mhuiris) 53°43′N 8°59′W 69 m

Period 1944–60 Bibliography 36	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day †	Average No. of days with no sun †
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·0	1·2	11·7	−6·5	13·3	−15·7	93	86	114	40	17	55	22	7·9	11
February	7·6	1·5	11·7	−4·9	13·8	−11·0	92	80	81	51	14	73	26	9·0	8
March	10·2	2·9	15·6	−3·4	19·7	−12·1	89	73	72	30	13	104	28	11·7	7
April	12·4	4·1	17·4	−1·5	21·2	−3·5	83	68	64	26	13	148	35	13·7	3
May	15·3	6·2	21·5	0·4	24·6	−2·1	79	67	65	34	12	194	39	15·1	2
June	17·1	8·7	23·3	3·2	28·2	0·6	81	71	85	29	13	162	32	15·9	2
July	18·2	10·7	23·3	5·4	30·0	3·6	85	75	93	33	15	128	25	14·3	3
August	18·4	10·3	22·4	4·3	28·3	2·3	87	75	94	32	15	139	30	13·1	4
September	16·3	8·9	20·4	3·1	23·3	−0·1	89	77	114	39	16	100	26	11·3	5
October	13·3	6·5	17·7	−0·4	21·7	−2·9	92	79	110	38	15	78	24	10·1	7
November	9·9	3·8	13·9	−3·1	16·1	−6·3	93	84	108	32	17	59	23	8·2	9
December	8·1	2·4	12·4	−3·8	15·7	−7·2	92	88	141	30	21	39	17	7·0	10
Year	12·8	5·6	25·3*	−7·5*	30·0	−15·7	88	77	1141	51	181	1279	27	15·9	71
No. of years	17	17	17	17	17	17	11	11	17	17	17	17	17	10	10

*Average of highest/lowest each year

†1958–67

IRISH REPUBLIC

Clones (Cuilain Eois)   54° 11′N   7° 14′W   87 m

Period 1950–60 Bibliography 36	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day †	Average No. of days with no sun †
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·4	0·8	11·8	−6·1	13·1	−8·8	92	85	79	27	13	56	23	7·8	12
February	6·9	0·7	12·1	−5·6	13·5	−9·9	91	80	67	19	12	70	25	9·2	7
March	9·6	2·5	14·6	−2·7	17·8	−4·9	88	72	53	18	11	98	27	11·3	8
April	11·9	3·4	17·3	−1·1	19·8	−2·7	82	65	47	15	11	149	35	13·2	3
May	15·2	6·3	21·3	0·3	24·6	−2·4	78	66	55	21	11	188	38	14·9	2
June	17·4	8·7	23·1	3·1	26·9	0·9	79	69	75	38	12	164	32	15·7	3
July	18·3	10·5	22·8	6·1	26·7	4·7	84	72	98	41	15	127	25	14·1	3
August	18·0	10·1	21·9	5·1	28·8	1·9	86	74	109	62	15	119	26	13·1	3
September	16·1	8·6	20·9	3·2	25·4	−0·9	89	74	91	30	15	98	26	11·7	5
October	13·0	6·2	18·0	−0·5	22·0	−3·4	91	78	88	37	13	75	24	9·2	7
November	9·2	3·3	13·6	−3·5	15·6	−8·1	92	83	79	30	13	52	20	7·5	11
December	7·4	1·9	11·4	−3·9	13·1	−8·2	92	87	105	29	18	37	16	6·6	12
Year	12·5	5·3	24·8*	−7·3*	28·8	−9·9	87	75	946	62	159	1233	26	15·7	76
No. of years	11	11	11	11	11	11	10	10	11	11	11	11	11	10	10

Collooney (Cúil Mhaoile)   54° 11′N   8° 27′W   37 m

Period 1931–60 Bibliography 36	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day †	Average No. of days with no sun †
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·5	1·0	12·1	−6·9	13·9	−17·8	92	—	110	36	19	45	18	7·4	12
February	8·3	1·4	12·3	−5·6	14·4	−12·8	91	—	76	49	15	63	23	8·0	7
March	10·5	2·7	15·2	−4·6	18·9	−17·2	86	—	68	30	14	96	26	11·1	7
April	12·7	4·0	17·4	−2·6	20·6	−4·4	82	—	65	24	14	137	33	13·1	4
May	15·6	6·0	21·8	−1·2	25·6	−3·9	80	—	68	37	14	188	38	14·7	2
June	17·7	8·9	24·1	2·3	28·3	−2·2	82	—	84	31	15	163	32	15·1	2
July	18·4	10·8	23·7	5·1	30·0	2·2	85	—	105	45	18	122	24	14·2	3
August	18·7	10·5	23·6	3·6	28·9	0·6	86	—	98	41	16	126	27	12·9	3
September	16·7	8·7	21·2	1·1	25·0	−2·2	89	—	107	44	17	99	26	10·7	5
October	13·6	6·1	17·6	−2·1	22·2	−6·7	91	—	110	50	17	74	23	9·5	6
November	10·2	3·3	14·1	−4·3	16·7	−8·9	92	—	111	34	17	52	20	7·3	10
December	8·3	2·1	12·6	−5·3	16·7	−11·1	92	—	129	37	20	35	15	6·6	12
Year	13·2	5·5	26·1*	−8·3*	30·0	−17·8	87	—	1131	50	196	1200	25	15·1	73
No. of years	30	30	30	30	30	30	13	—	30	30	30	30	30	10	10

Cork (Corcaigh)   51° 54′N   8° 29′W   15 m

Period 1931–60 Bibliography 36	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day †	Average No. of days with no sun †
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·5	2·4	12·7	−4·0	14·4	−9·4	89	—	119	39	15	58	22	8·0	12
February	9·0	2·6	13·1	−2·9	15·0	−6·7	88	—	79	63	11	71	25	8·9	8
March	10·9	4·0	15·2	−2·1	17·8	−5·0	87	—	94	56	12	102	28	11·6	7
April	13·3	5·3	18·5	−0·4	22·2	−2·2	81	—	57	33	11	151	36	13·3	4
May	16·2	7·4	21·8	1·2	26·1	−1·1	78	—	71	44	11	195	40	14·9	2
June	18·8	10·3	24·4	5·2	28·9	2·8	79	—	57	42	10	188	38	14·8	2
July	19·9	12·0	24·4	7·4	27·8	5·0	80	—	70	40	11	163	32	14·9	2
August	20·1	11·8	24·2	6·3	29·4	2·8	83	—	71	63	11	158	35	12·5	2
September	17·7	10·1	22·0	3·6	26·1	1·1	86	—	94	81	12	125	33	11·6	3
October	14·3	7·2	18·4	0·0	21·1	−5·0	90	—	99	78	12	93	28	9·3	6
November	10·9	4·4	14·7	−2·2	17·8	−6·1	90	—	115	65	14	65	25	8·5	7
December	9·2	3·3	13·1	−2·6	15·6	−7·2	89	—	122	47	16	48	20	6·9	11
Year	14·1	6·7	25·9*	−5·1*	29·4	−9·4	85	—	1048	81	146	1417	30	14·9	66
No. of years	30	30	30	30	30	30	30	—	30	30	30	30	30	10	10

*Average of highest/lowest each year

†1958–

IRISH REPUBLIC

Dublin (Baile Átha Cliath)/Airport 53° 26′N 6° 15′W 68 m

Period 1940–60 Bibliography 36	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day †	Average No. of days with no sun †
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·2	1·7	12·2	−4·5	14·9	−10·7	87	80	71	31	11	63	25	7·6	11
February	7·6	1·9	12·7	−3·8	15·3	−10·9	85	76	52	33	10	78	28	9·1	7
March	9·7	3·2	15·1	−2·3	20·1	−7·7	84	72	51	37	9	112	30	11·5	6
April	12·1	4·6	16·9	−0·4	19·7	−2·2	78	67	43	28	10	166	40	13·8	3
May	14·4	6·6	19·7	1·1	22·4	−2·5	77	69	62	28	10	209	42	15·3	2
June	17·6	9·4	23·2	4·7	27·3	1·4	76	69	55	45	10	200	39	15·5	2
July	18·7	11·2	23·0	6·9	25·9	5·2	79	70	66	43	12	164	32	15·0	1
August	18·6	11·0	22·7	6·6	25·6	4·4	83	72	80	54	12	162	35	14·1	2
September	16·6	9·6	21·1	3·9	23·5	−0·2	85	73	77	52	12	128	33	12·3	3
October	13·6	7·3	18·1	1·0	20·6	−2·2	86	75	68	50	10	102	31	10·1	6
November	10·0	4·4	14·5	−1·3	17·6	−3·6	87	79	67	33	12	65	25	8·5	8
December	8·4	3·1	12·9	−2·2	17·1	−5·1	87	81	77	40	14	54	23	6·9	9
Years	12·9	6·2	24·6*	−5·7*	27·3	−10·9	83	74	769	54	132	1503	32	15·5	60
No. of years	21	21	21	21	21	21	13	13	21	21	21	20	20	10	10

Dublin (Baile Átha Cliath)/Phoenix Park 53° 22′N 6° 21′W 47 m

Period 1931–60 Bibliography 36	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day †	Average No. of days with no sun †
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·6	1·3	12·8	−5·8	14·4	−12·1	88	—	67	49	13	59	23	7·6	11
February	8·2	1·6	13·3	−4·9	16·6	−10·0	86	—	55	46	10	71	26	9·5	7
March	10·4	2·6	16·0	−3·9	20·6	−9·2	82	—	51	38	10	104	28	11·2	6
April	12·7	3·7	18·1	−2·2	22·2	−5·3	76	—	45	27	11	151	36	13·1	3
May	15·4	5·9	21·1	−0·2	24·9	−5·6	75	—	60	37	10	193	39	14·6	2
June	18·4	9·1	24·2	3·7	28·7	0·6	76	—	57	37	11	180	35	14·9	3
July	19·6	11·0	24·4	6·2	29·8	3·4	78	—	70	44	13	148	29	14·2	2
August	19·4	10·6	23·9	5·2	27·4	2·2	80	—	74	71	12	152	33	13·2	2
September	17·3	8·9	22·2	2·4	25·4	−1·1	83	—	72	69	12	118	31	11·3	3
October	13·9	6·3	19·0	−0·6	24·2	−4·4	85	—	70	55	11	98	30	9·7	6
November	10·3	3·8	15·0	−2·7	18·3	−6·6	88	—	67	32	12	63	24	8·0	8
December	8·4	2·6	13·2	−4·2	17·1	−9·4	88	—	74	48	14	49	21	6·5	10
Year	13·5	5·6	26·0*	−7·3*	29·8	−12·1	82	—	762	71	139	1386	30	14·9	63
No. of years	30	30	30	30	30	30	30	—	30	30	30	30	30	10	10

Kilkenny (Cill Choinnigh) 52° 40′N 7° 16′W 67 m

Period 1958–67 Bibliography 36	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·9	0·7	11·3	−7·7	12·8	−11·6	90	83	80	25	13	60	23	7·9	13
February	8·4	2·2	12·9	−4·7	14·5	−11·1	87	74	59	33	10	70	25	9·7	7
March	9·9	2·8	15·1	−3·8	18·5	−6·7	85	70	60	18	12	104	28	12·1	8
April	12·7	4·4	17·6	−1·5	19·6	−4·1	80	67	67	19	12	144	35	14·0	4
May	15·4	6·1	21·2	−0·2	24·8	−3·7	76	65	70	26	13	194	40	15·8	1
June	18·2	8·8	23·7	3·1	26·3	0·5	77	67	58	30	11	176	35	15·8	2
July	18·9	10·4	23·3	5·1	26·6	2·3	80	68	75	33	13	144	28	15·4	2
August	19·0	9·9	22·7	3·0	25·6	1·2	83	68	67	24	12	156	34	13·1	1
September	17·3	7·9	21·8	0·9	26·4	−1·2	88	70	91	39	12	120	32	11·0	3
October	13·9	5·9	18·4	−1·6	23·7	−3·5	90	76	93	26	12	91	28	9·8	7
November	9·8	2·6	14·4	−5·1	17·2	−6·7	91	79	76	21	12	72	27	8·4	9
December	7·9	1·2	12·8	−6·2	13·6	−10·8	90	82	89	39	14	58	24	7·1	10
Year	13·2	5·2	24·7*	−9·0*	26·6	−11·6	85	72	885	39	146	1389	30	15·8	67
No. of years	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

*Average of highest/lowest each year

†1958–67

IRISH REPUBLIC

Malin Head (Ceann Malainn) 55° 22′N 7° 20′W 20 m

Period 1931–60 Bibliography 36	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day †	Average No. of days with no sun †
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·5	2·9	11·6	−1·9	13·9	−6·1	83	80	101	39	18	41	17	7·5	10
February	7·7	3·1	11·3	−1·7	13·8	−6·1	83	76	67	46	15	63	23	9·2	7
March	9·1	4·1	13·8	−0·4	17·3	−4·4	82	76	58	21	12	109	30	11·1	5
April	10·6	5·4	15·3	0·9	19·6	−1·1	79	75	54	16	13	154	36	14·1	3
May	12·9	7·4	18·4	2·8	23·3	0·2	78	75	53	31	11	207	41	15·4	1
June	15·1	9·8	20·7	6·0	27·2	3·3	80	76	71	38	13	177	34	15·5	2
July	16·4	11·6	21·2	8·2	26·7	6·7	84	80	94	39	17	142	27	15·4	3
August	16·7	11·7	21·5	8·0	27·1	4·8	83	79	82	35	14	167	31	14·1	3
September	15·4	10·5	20·1	6·2	24·4	2·8	82	76	99	52	16	114	30	11·9	4
October	12·8	8·1	16·6	3·1	21·1	0·6	82	77	102	40	17	72	22	9·3	5
November	10·1	5·6	13·7	1·3	16·9	2·6	83	80	96	31	17	51	20	7·6	7
December	8·6	4·1	12·2	−0·5	16·8	−3·9	85	82	103	26	19	31	14	6·2	11
Year	11·9	7·0	23·4*	−2·8*	27·2	−6·1	82	78	980	52	182	1328	27	15·5	61
No. of years	30	30	30	30	30	30	5	5	30	30	30	30	30	10	10

Mullingar (Muileann Cearr) 53° 31′N 7° 21′W 108 m

Period 1944–60 Bibliography 36	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day †	Average No. of days with no sun †
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·7	1·2	11·6	−5·3	13·3	−8·8	93	85	88	27	14	58	23	7·8	12
February	7·4	1·3	12·2	−4·3	14·6	−12·2	92	79	63	29	12	73	27	9·9	7
March	10·1	2·8	15·9	−2·7	20·5	−9·2	89	72	59	27	11	107	29	11·8	7
April	12·7	4·1	18·1	−1·1	21·8	−3·3	82	68	55	35	12	151	36	13·9	3
May	15·6	6·3	21·9	0·7	25·5	−1·1	78	66	61	25	11	189	40	15·5	1
June	18·0	8·9	23·8	3·9	29·8	1·7	80	69	75	26	12	174	34	15·8	2
July	19·1	10·7	24·4	6·2	28·6	4·7	84	73	89	37	14	139	27	14·4	2
August	19·2	10·4	23·4	5·8	29·5	3·9	87	73	87	35	13	145	32	13·3	2
September	16·7	8·8	21·3	3·5	25·5	−0·1	90	75	99	41	15	110	29	11·5	4
October	13·4	6·4	18·4	0·2	22·9	−2·6	92	78	94	40	13	87	27	9·6	6
November	9·6	3·8	14·2	−2·4	17·1	−4·6	94	84	86	27	14	62	24	8·9	9
December	7·6	2·2	11·9	−3·6	14·4	−8·9	94	88	111	32	18	45	20	6·7	11
Year	13·0	5·6	26·0*	−6·4*	29·8	−12·2	88	76	967	41	159	1340	29	15·8	66
No. of years	17	17	17	17	17	17	11	11	17	17	17	17	17	10	10

Roche's Point (Róistigh) 51° 47′N 8° 14′W 40 m

Period 1958–67 Bibliography 36	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·9	3·9	11·5	−1·6	13·2	−4·3	87	82	92	33	13	58	22	8·2	11
February	8·7	4·6	12·1	0·1	13·6	−3·4	86	79	76	23	11	64	23	9·7	8
March	9·6	5·2	13·5	0·1	14·9	−3·4	86	78	89	31	12	106	29	11·6	8
April	11·8	6·4	16·0	2·2	20·1	0·0	84	77	72	33	11	153	36	13·5	4
May	13·9	8·2	18·1	4·3	21·5	2·1	82	77	75	35	12	196	40	15·1	2
June	16·6	10·6	21·1	6·8	23·3	3·4	83	78	62	25	11	191	38	15·2	1
July	17·7	11·9	21·6	8·7	24·7	7·2	84	78	71	35	11	163	33	15·0	2
August	17·8	11·9	21·4	8·1	23·6	6·8	85	78	80	79	11	157	35	13·9	1
September	16·4	11·1	19·9	6·6	24·4	5·5	87	80	86	41	11	126	33	12·0	3
October	13·8	9·0	17·4	4·1	19·9	2·8	88	80	92	55	12	98	30	9·5	7
November	10·5	6·0	14·3	1·6	16·6	−0·2	87	80	93	33	13	73	27	8·4	7
December	9·0	4·6	12·7	−0·4	14·4	−2·7	86	81	99	32	13	60	24	7·0	10
Year	12·8	7·8	22·9*	−2·3*	24·7	−4·3	85	79	987	79	141	1445	31	15·2	64
No. of years	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

*Average of highest/lowest each year

†1958–

IRISH REPUBLIC

Rosslare (Ros Láir) 52°15′N 6°20′W 23 m

Period 1958–67 Bibliography 36	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·6	3·5	10·8	−1·8	12·2	−5·1	86	81	84	27	12	69	27	7·8	11
February	8·3	4·2	11·7	0·3	13·0	−3·3	85	78	68	37	10	73	26	0·0	7
March	9·3	4·7	13·1	0·2	14·6	−2·7	84	77	63	24	11	125	34	11·8	6
April	11·4	6·2	16·1	1·3	18·9	−0·4	83	77	72	26	11	173	41	13·4	3
May	13·5	8·2	17·0	3·7	18·9	0·9	82	77	65	26	12	231	47	15·4	2
June	16·3	10·6	20·2	6·9	22·2	5·1	82	79	65	55	10	226	45	15·4	2
July	17·6	11·8	20·9	7·8	21·8	5·2	82	78	63	33	10	193	38	15·3	1
August	17·7	12·1	20·5	7·6	22·7	6·2	84	77	70	26	11	188	41	14·4	1
September	16·6	11·2	19·7	6·5	21·8	3·9	85	78	85	57	12	154	40	12·0	3
October	13·9	8·8	17·0	3·1	20·3	0·7	87	79	100	44	12	117	35	10·3	5
November	10·6	5·8	14·1	0·7	17·2	−0·9	86	79	111	48	14	78	30	8·3	8
December	8·7	4·1	12·4	−1·1	13·9	−3·1	86	80	96	45	14	69	28	7·3	10
Year	12·6	7·6	21·3*	−2·7*	22·7	−5·1	84	78	942	57	139	1696	36	15·4	59
No. of years	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

Shannon Airport (Aerphort na Sionainne) 52°41′N 8°55′W 2 m

Period 1939–60 Bibliography 36	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day †	Average No. of days with no sun †
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·9	1·8	12·5	−6·4	14·3	−11·9	91	84	94	28	15	57	22	7·6	12
February	8·7	2·2	12·8	−4·8	15·0	−8·3	90	78	67	29	11	73	26	8·9	6
March	11·1	3·6	15·6	−3·3	19·4	−7·7	88	72	56	28	11	104	28	11·6	7
April	13·3	5·0	18·2	−1·4	23·2	−4·6	82	67	53	40	11	154	37	13·6	4
May	16·2	6·9	22·2	0·3	26·4	−1·7	79	66	61	49	11	205	42	15·3	1
June	18·5	9·9	24·6	3·9	28·3	0·9	80	69	57	45	11	181	36	15·4	2
July	19·2	11·8	24·3	6·1	30·3	4·4	82	71	77	42	14	152	30	14·3	2
August	19·5	11·6	23·8	5·3	28·7	2·8	85	72	79	46	14	158	35	13·7	2
September	17·3	10·2	21·4	3·6	25·6	−0·6	87	74	86	42	14	111	29	10·5	3
October	14·3	7·4	18·4	−0·6	23·0	−3·3	89	78	86	33	14	86	26	9·9	6
November	10·8	4·6	14·7	−3·1	18·1	−7·2	91	82	96	65	15	62	23	8·4	8
December	9·1	3·4	13·1	−3·5	16·2	−7·1	90	85	117	39	18	43	18	6·9	11
Year	13·8	6·5	26·4*	−7·0*	30·3	−11·9	86	75	929	65	159	1386	29	15·4	64
No. of years	22	22	22	22	22	22	13	13	22	22	22	15	15	10	10

Valentia (Dairbhre) 51°56′N 10°15′W 9 m

Period 1931–60 Bibliography 36	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day †	Average No. of days with no sun †
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	9·4	4·5	12·5	−1·9	13·8	−7·2	84	79	165	47	20	49	19	7·2	10
February	9·3	4·3	12·6	−1·8	16·8	−5·4	83	76	107	76	15	70	25	9·0	8
March	11·1	5·4	15·2	−0·6	19·9	−3·3	81	73	103	41	14	109	30	11·1	6
April	12·5	6·3	17·2	0·9	23·9	−1·8	77	71	75	47	13	155	38	13·5	5
May	14·8	8·1	20·6	2·6	26·1	0·2	76	72	86	48	13	202	42	15·1	2
June	16·8	10·8	22·8	6·1	27·2	1·7	80	77	81	44	13	177	36	15·7	3
July	17·7	12·3	22·4	8·0	29·6	6·2	83	79	107	56	15	145	29	15·6	3
August	18·2	12·6	23·0	7·3	29·8	4·4	84	78	95	37	15	151	33	13·7	4
September	16·8	11·2	20·4	5·7	26·7	1·7	84	78	122	60	16	115	30	11·4	4
October	14·2	8·9	17·6	2·2	23·5	−2·1	85	78	140	85	17	88	27	9·6	6
November	11·5	6·6	14·5	0·3	18·2	−2·3	84	79	151	59	18	59	22	7·7	8
December	10·1	5·5	13·1	−0·7	15·7	−4·8	84	81	168	59	21	41	17	6·4	12
Year	13·5	8·0	25·2*	−3·4*	29·8	−7·2	82	77	1400	85	190	1361	29	15·7	71
No. of years	30	30	30	30	30	30	13	13	30	30	30	30	30	10	10

*Average of highest/lowest each year

†1958–67

ITALY

Ancona 43°37′N 13°31′E 105 m

Period 1959–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·5	2·5	15·2	−2·2	19·8	−6·2	78	72	72	43	9	70	24	—	—
February	9·5	4·3	16·6	−0·3	19·2	−4·4	75	69	41	24	7	91	31	—	—
March	12·6	7·2	19·7	2·2	21·8	−2·2	74	67	57	31	9	151	41	—	—
April	16·3	10·5	21·7	6·3	25·8	4·8	72	67	59	42	8	204	51	—	—
May	20·1	14·1	25·1	9·1	27·4	5·5	74	71	48	32	7	259	57	—	—
June	24·1	18·0	29·9	12·9	33·8	10·3	66	64	50	56	6	268	58	—	—
July	26·8	20·4	32·5	16·1	38·6	14·6	66	62	34	62	4	319	68	—	—
August	26·6	20·4	31·8	16·7	34·8	15·5	67	62	45	34	5	286	66	—	—
September	23·4	17·7	28·7	14·1	33·7	12·4	74	67	86	80	7	194	52	—	—
October	19·0	14·1	23·7	9·7	27·2	8·6	80	71	91	58	9	146	43	—	—
November	14·2	9·8	21·3	4·7	27·0	1·8	80	74	83	46	10	75	26	—	—
December	10·0	5·4	17·3	0·4	19·0	−3·3	81	76	100	63	11	72	26	—	—
Year	17·5	12·0	33·7*	−2·7*	38·6	−6·2	74	69	766	80	92	2135	45	—	—
No. of years	10	10	10	10	10	10	10†	10†	10	10	10	7	7	—	—

Bari 41°07′N 16°52′E 12 m

Period 1953–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	11·5	5·8	17·7	0·8	20·0	−2·8	82	67	68	22	9	—	—	—	—
February	12·6	6·4	19·0	2·0	21·9	−2·0	78	62	57	52	6	—	—	—	—
March	14·4	7·8	21·0	2·3	25·7	−3·1	77	59	57	65	7	—	—	—	—
April	17·7	10·6	21·7	6·0	28·2	2·0	74	57	42	39	6	—	—	—	—
May	21·7	14·5	28·9	9·2	35·7	5·0	71	58	39	36	5	—	—	—	—
June	25·9	18·4	32·5	13·9	37·9	11·2	64	56	29	57	4	—	—	—	—
July	28·5	21·2	35·3	17·2	41·0	13·6	63	56	25	39	3	—	—	—	—
August	28·6	21·2	35·6	17·1	41·9	13·2	65	54	24	47	3	—	—	—	—
September	25·5	18·3	31·7	13·9	38·8	11·0	76	58	46	59	4	—	—	—	—
October	21·0	14·5	26·5	9·4	29·7	5·8	82	64	73	81	6	—	—	—	—
November	17·3	10·9	22·7	5·1	26·2	2·6	82	66	79	86	8	—	—	—	—
December	13·8	7·8	19·1	2·5	22·0	−2·8	83	67	70	64	8	—	—	—	—
Year	19·9	13·1	37·2*	−0·2*	41·9	−3·1	75	60	609	86	69	—	—	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	—	—	—	—

Bologna 44°30′N 11°21′E 60 m

Period 1953–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·1	−0·6	11·7	−6·0	14·9	−10·2	90	79	47	22	7	93	33	—	—
February	8·4	1·5	15·9	−3·5	19·5	−10·3	88	72	46	30	6	102	35	—	—
March	13·5	5·4	20·6	−0·3	25·0	−5·6	87	61	65	48	7	155	42	—	—
April	18·4	9·5	24·7	4·1	29·8	0·5	89	55	90	60	9	183	45	—	—
May	23·2	13·7	29·5	7·8	31·8	3·7	87	57	73	33	8	235	51	—	—
June	27·2	17·5	33·3	12·0	38·1	9·2	81	48	69	56	7	258	55	—	—
July	30·1	19·7	35·3	14·4	38·1	11·2	82	47	49	41	5	295	62	—	—
August	29·7	19·3	35·0	14·8	37·5	12·0	83	49	52	43	5	259	59	—	—
September	26·0	16·5	30·7	11·4	34·0	8·7	89	57	53	62	5	199	53	—	—
October	19·6	11·7	25·5	6·4	29·1	3·4	96	73	76	49	8	139	41	—	—
November	18·8	6·3	18·3	0·8	23·0	−4·5	94	80	101	81	9	65	22	—	—
December	7·3	1·9	14·6	−4·6	18·8	−11·8	94	85	83	63	8	71	26	—	—
Year	18·4	10·2	36·2*	−7·4*	38·1	−11·8	88	64	804	81	84	2054	44	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	7	7	—	—

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*Average of highest/lowest each year

†1946–55

ITALY

Bolzano 46°30′N 11°21′E 271 m

Period 1953–68 Bibliography 37, 38	Temperature: Average daily Max.	Temperature: Average daily Min.	Temperature: Average monthly Max.	Temperature: Average monthly Min.	Temperature: Absolute Max.	Temperature: Absolute Min.	Relative humidity: Average of observations at 0700	Relative humidity: Average of observations at 1300	Precipitation: Average monthly fall	Precipitation: Maximum fall in 24 h	Precipitation: Average No. of days with 1·0 mm or more	Bright sunshine: Average monthly duration	Bright sunshine: Average per cent of possible	Bright sunshine: Maximum duration in one day	Bright sunshine: Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·8	−4·5	11·5	−10·0	14·6	−15·4	84	63	18	37	3	111	39	—	—
February	8·7	−1·4	15·9	−6·4	20·3	−10·2	84	57	29	29	4	125	43	—	—
March	14·5	3·0	21·9	−2·3	27·2	−5·6	82	50	30	25	5	158	43	—	—
April	18·8	7·4	26·4	1·9	30·4	−1·0	82	49	60	49	7	171	42	—	—
May	23·0	10·8	29·4	4·8	34·0	1·4	83	50	69	37	8	193	42	—	—
June	26·0	14·2	32·1	8·8	35·0	2·8	83	53	93	45	11	210	45	—	—
July	28·2	15·8	33·6	11·0	37·2	8·6	83	53	100	58	10	234	49	—	—
August	27·3	14·9	33·1	9·8	35·9	7·5	87	54	113	62	10	206	47	—	—
September	24·5	12·3	29·5	6·6	33·0	3·9	88	55	71	61	6	178	47	—	—
October	18·6	6·6	25·1	−0·4	27·1	−2·2	91	56	75	68	7	154	45	—	—
November	10·6	1·4	17·1	−4·6	21·5	−7·8	88	59	80	55	8	81	28	—	—
December	5·6	−2·7	12·1	−8·5	17·0	−13·7	89	69	43	34	5	88	33	—	—
Year	17·5	6·5	34·6*	−10·9*	37·2	−15·4	85	56	781	68	84	1913	42	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	7	7	—	—

Brindisi 40°38′N 17°56′E 28 m

Period 1953–68 Bibliography 37, 38	Temperature: Average daily Max.	Temperature: Average daily Min.	Temperature: Average monthly Max.	Temperature: Average monthly Min.	Temperature: Absolute Max.	Temperature: Absolute Min.	Relative humidity: Average of observations at 0700	Relative humidity: Average of observations at 1300	Precipitation: Average monthly fall	Precipitation: Maximum fall in 24 h	Precipitation: Average No. of days with 1·0 mm or more	Bright sunshine: Average monthly duration	Bright sunshine: Average per cent of possible	Bright sunshine: Maximum duration in one day	Bright sunshine: Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	12·1	6·3	16·6	1·2	18·7	−2·0	82	73	77	43	11	127	43	—	—
February	13·1	6·6	17·4	2·0	22·0	−1·5	81	68	57	99	7	126	42	—	—
March	14·7	8·1	20·2	2·6	22·3	−4·0	82	67	59	39	8	176	48	—	—
April	18·1	10·6	23·3	6·3	27·2	3·0	81	67	47	40	7	217	54	—	—
May	22·2	14·2	28·7	9·4	33·6	5·9	80	67	39	47	5	279	62	—	—
June	26·1	18·2	32·1	14·0	37·7	12·0	75	65	25	39	3	298	66	—	—
July	28·8	20·9	35·1	16·1	39·4	11·7	75	64	14	29	1	347	76	—	—
August	29·0	21·0	34·8	17·0	40·2	14·8	75	62	30	57	2	321	75	—	—
September	26·0	18·3	31·1	13·9	34·1	9·6	80	66	38	73	4	250	67	—	—
October	21·8	15·2	26·8	10·3	29·5	6·8	83	70	79	68	6	202	58	—	—
November	17·9	11·4	22·5	6·0	25·6	3·3	83	72	96	52	10	139	47	—	—
December	14·3	8·4	19·2	2·8	24·3	−1·0	84	73	83	40	9	109	38	—	—
Year	20·3	13·3	36·3*	−0·2*	40·2	−4·0	80	68	644	99	73	2591	56	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	7	7	—	—

Capo Calamita 42°43′N 10°23′E 396 m Elba

Period 1961–68 Bibliography 37	Temperature: Average daily Max.	Temperature: Average daily Min.	Temperature: Average monthly Max.	Temperature: Average monthly Min.	Temperature: Absolute Max.	Temperature: Absolute Min.	Relative humidity: Average of observations at 0630	Relative humidity: Average of observations at 1230	Precipitation: Average monthly fall	Precipitation: Maximum fall in 24 h	Precipitation: Average No. of days with 1·0 mm or more	Bright sunshine: Average monthly duration	Bright sunshine: Average per cent of possible	Bright sunshine: Maximum duration in one day	Bright sunshine: Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·4	4·2	13·5	−2·9	18·2	−9·9	—	—	55	35	8	—	—	—	—
February	9·3	4·6	13·6	−0·5	15·9	−2·6	—	—	38	54	5	—	—	—	—
March	11·4	6·0	17·3	−0·5	19·2	−6·0	—	—	33	18	7	—	—	—	—
April	14·8	8·9	19·9	4·5	22·4	3·0	—	—	38	37	6	—	—	—	—
May	18·5	12·0	23·5	8·5	27·0	5·6	—	—	42	34	5	—	—	—	—
June	22·5	15·7	28·2	10·7	30·2	8·4	—	—	25	45	3	—	—	—	—
July	26·2	18·4	30·8	14·7	33·5	12·4	—	—	14	25	1	—	—	—	—
August	25·5	18·3	29·8	14·9	32·0	13·0	—	—	13	13	3	—	—	—	—
September	22·4	16·2	26·4	12·2	29·8	9·5	—	—	41	59	4	—	—	—	—
October	18·2	13·1	22·4	8·2	24·8	6·9	—	—	62	70	7	—	—	—	—
November	13·5	9·3	17·3	3·9	19·0	0·4	—	—	108	62	11	—	—	—	—
December	9·9	5·7	15·0	−0·5	16·6	−5·4	—	—	77	50	7	—	—	—	—
Year	16·7	11·0	32·0*	−3·9*	33·5	−9·9	—	—	546	70	67	—	—	—	—
No. of years	8	8	8	8	8	8	—	—	6	6	6	—	—	—	—

*Average of highest/lowest each year

†1946–55

ITALY

Capo Palinuro 40°01′N 15°17′E 185 m

Period 1959–68 Bibliography 37	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	12·3	7·2	17·4	0·7	23·1	−2·8	—	—	102	47	11	135	45	—	—
February	13·0	7·5	17·7	2·8	20·0	0·5	—	—	63	36	9	131	44	—	—
March	15·2	9·4	19·4	4·2	23·7	−0·9	—	—	59	32	9	173	47	—	—
April	17·4	11·4	22·6	7·5	24·8	4·9	—	—	62	64	7	201	51	—	—
May	21·3	14·6	27·7	10·2	32·6	7·4	—	—	47	80	4	247	55	—	—
June	24·7	17·9	29·4	13·6	31·6	10·9	—	—	27	31	4	286	64	—	—
July	27·9	20·7	32·0	17·1	34·4	14·3	—	—	14	21	2	349	76	—	—
August	28·0	20·9	32·2	17·0	36·4	15·2	—	—	17	22	3	324	76	—	—
September	25·5	18·9	28·8	15·0	31·5	12·6	—	—	50	40	5	252	67	—	—
October	21·9	15·9	26·1	11·3	28·3	8·9	—	—	82	81	7	209	60	—	—
November	17·8	12·6	23·4	6·7	26·1	0·6	—	—	114	49	11	144	48	—	—
December	14·3	9·4	19·1	4·2	21·3	−1·5	—	—	136	42	14	118	41	—	—
Year	19·9	13·9	33·1*	−0·1*	36·4	−2·8	—	—	773	81	86	2569	56	—	—
No. of years	10	10	10	10	10	10	—	—	10	10	10	7	7	—	—

Civitavecchia 42°02′N 11°50′E 4 m

Period 1959–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	12·2	6·3	16·2	−0·4	18·2	−4·4	74	68	66	48	8	—	—	—	—
February	13·1	7·0	16·7	1·1	18·2	−1·6	76	69	61	45	8	—	—	—	—
March	14·7	8·7	18·1	2·3	21·3	−2·5	75	68	54	51	7	—	—	—	—
April	17·3	10·9	21·5	5·9	24·6	4·0	78	72	35	43	5	—	—	—	—
May	20·4	13·9	24·8	8·9	27·4	5·3	78	73	34	25	4	—	—	—	—
June	24·0	17·5	28·1	13·1	29·6	10·0	74	72	20	36	2	—	—	—	—
July	26·9	20·1	30·2	16·5	35·0	14·8	73	69	6	11	1	—	—	—	—
August	26·9	20·3	29·5	16·8	31·2	14·8	72	69	25	57	2	—	—	—	—
September	24·8	18·2	27·6	14·1	29·6	12·2	77	70	68	66	5	—	—	—	—
October	21·3	14·9	24·4	9·9	26·6	8·6	75	66	88	74	7	—	—	—	—
November	17·3	11·7	21·3	5·1	22·4	0·4	75	66	107	101	10	—	—	—	—
December	14·0	8·4	17·5	2·3	19·4	−2·4	75	68	110	53	11	—	—	—	—
Year	19·4	13·2	30·7*	−1·0*	35·0	−4·4	75	69	674	101	70	—	—	—	—
No. of years	10	10	10	10	10	10	10†	10†	10	10	10	—	—	—	—

Cosenza 39°17′N 16°15′E 256 m

Period 1953–68 Bibliography 37	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	11·2	3·6	17·7	−2·6	23·3	−6·7	—	—	164	97	13	—	—	—	—
February	12·9	4·2	20·0	−2·1	23·9	−6·8	—	—	121	44	11	—	—	—	—
March	15·0	5·5	22·7	−0·8	28·5	−6·1	—	—	87	41	10	—	—	—	—
April	18·5	7·9	25·3	2·4	30·7	−2·7	—	—	71	33	9	—	—	—	—
May	23·3	11·2	30·6	5·1	34·1	2·3	—	—	51	21	7	—	—	—	—
June	28·6	15·2	35·6	10·0	41·7	6·1	—	—	29	26	4	—	—	—	—
July	31·9	17·7	37·9	12·9	41·5	10·2	—	—	17	28	2	—	—	—	—
August	32·0	17·6	38·3	13·4	43·7	10·5	—	—	22	26	3	—	—	—	—
September	28·3	15·0	34·5	10·3	39·0	7·3	—	—	52	33	5	—	—	—	—
October	22·2	11·5	29·3	6·2	32·3	2·7	—	—	91	56	9	—	—	—	—
November	16·9	8·2	23·6	2·6	30·0	−2·7	—	—	151	72	13	—	—	—	—
December	13·2	5·6	19·3	−0·3	23·4	−4·2	—	—	162	47	14	—	—	—	—
Year	21·2	10·3	34·9*	−4·0*	43·7	−6·8	—	—	1018	97	100	—	—	—	—
No. of years	16	16	16	16	16	16	—	—	16	10	16	—	—	—	—

*Average of highest/lowest each year

†1946–5

ITALY

Crotone 39° 05′N 17° 08′E 6 m [Sunshine data for Capo Rizzuto 39° 00′N 17° 04′E 171 m]

Period 1953–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						per cent		millimetres			hours		hours	
January	13·5	7·5	18·2	1·8	19·7	−4·0	82	74	76	70	8	132	44	—	—
February	14·4	7·8	19·5	2·6	22·5	−2·0	81	70	42	56	5	142	47	—	—
March	16·1	9·3	21·7	4·1	24·0	0·8	80	70	64	131	7	165	45	—	—
April	19·6	11·7	24·6	7·1	27·8	4·6	80	68	22	21	5	208	53	—	—
May	24·0	15·4	30·1	10·5	33·7	7·8	76	67	24	49	3	240	54	—	—
June	28·9	19·5	34·7	14·9	37·6	12·0	64	55	14	42	2	268	58	—	—
July	32·1	22·4	37·9	18·5	41·7	15·8	61	53	5	19	1	305	67	—	—
August	31·7	22·5	38·1	18·8	41·8	15·3	67	56	9	29	1	283	67	—	—
September	28·3	19·9	33·9	16·1	38·2	13·7	75	61	44	91	3	226	60	—	—
October	23·4	16·4	28·3	12·0	30·3	9·0	83	70	120	135	7	190	55	—	—
November	18·6	12·7	23·1	7·3	25·4	4·0	84	73	139	161	8	151	50	—	—
December	15·2	9·5	19·5	4·0	21·7	0·6	84	74	74	51	8	127	43	—	—
Year	22·1	14·5	39·6*	0·5*	41·8	−4·0	76	66	633	161	58	2437	54	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	7	7	—	—

Firenze (Florence) 43° 46′N 11° 15′E 51 m [Sunshine data for Grosseto 42° 46′N 11° 05′E 5 m]

Period 1953–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						per cent		millimetres			hours		hours	
January	9·0	1·9	14·9	−4·8	18·8	−9·8	83	69	63	38	8	134	46	—	—
February	11·0	3·0	16·6	−3·5	19·5	−10·6	84	65	65	45	8	134	46	—	—
March	14·4	5·1	20·5	−1·4	25·2	−5·3	85	58	61	29	8	153	42	—	—
April	18·8	8·3	24·6	2·9	29·6	−1·5	87	56	61	25	8	205	51	—	—
May	23·2	11·7	28·8	6·1	32·6	1·6	87	57	70	91	8	300	66	—	—
June	27·0	15·2	33·2	10·2	35·0	7·3	85	56	56	36	7	305	66	—	—
July	30·0	17·9	35·1	13·5	38·9	10·5	82	45	35	61	3	346	74	—	—
August	29·5	17·3	35·9	12·6	40·2	10·7	85	47	47	68	4	322	75	—	—
September	25·7	14·7	31·1	8·9	34·3	4·7	88	54	70	47	6	219	58	—	—
October	20·3	10·9	26·1	4·4	29·6	1·9	87	64	94	53	8	177	52	—	—
November	14·0	7·0	19·9	0·0	23·2	−5·3	89	72	110	132	10	97	33	—	—
December	10·6	3·7	16·6	−2·5	18·5	−5·4	88	74	93	52	10	96	34	—	—
Year	19·5	9·7	36·8*	−5·8*	40·2	−10·6	86	60	825	132	88	2488	54	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	4	4	—	—

Foggia 41° 28′N 15° 33′E 74 m [Sunshine data for Amendola 41° 32′N 15° 43′E 56 m]

Period 1953–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						per cent		millimetres			hours		hours	
January	10·4	3·1	17·2	−2·3	20·1	−6·9	88	71	55	52	8	121	41	—	—
February	12·2	3·6	18·9	−1·8	22·5	−8·9	86	64	35	19	6	128	43	—	—
March	15·1	5·6	21·4	−0·3	26·4	−4·1	86	58	31	23	6	176	48	—	—
April	19·3	8·3	25·6	3·5	29·7	−1·2	84	52	39	32	6	217	54	—	—
May	24·4	12·1	31·1	6·6	35·1	3·5	82	50	38	29	6	262	58	—	—
June	29·0	16·2	36·0	11·2	39·0	5·0	64	42	29	45	4	279	61	—	—
July	32·2	19·2	38·6	14·4	40·6	10·9	67	38	15	31	2	326	71	—	—
August	31·9	19·4	38·4	14·4	41·8	11·0	69	38	23	71	3	304	71	—	—
September	27·8	16·7	33·7	11·3	37·4	7·0	82	45	27	23	4	238	63	—	—
October	21·5	12·6	27·4	7·3	29·8	3·8	90	62	64	61	7	199	58	—	—
November	16·0	8·6	22·1	2·2	27·0	−3·0	88	67	60	20	8	135	46	—	—
December	12·7	5·5	18·5	−0·7	21·9	−4·0	88	71	49	41	9	113	40	—	—
Year	21·0	10·9	39·8*	−3·5*	41·8	−8·9	81	55	465	71	69	2498	55	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	7	7	—	—

*Average of highest/lowest each year

†1946–55

Genova (Genoa) 44° 25′N 8° 55′E 21 m [Sunshine data for 44° 24′N 8° 58′E 98 m]

Period 1953–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						per cent		millimetres			hours		hours	
January	10·5	5·1	16·3	−0·8	19·8	−5·2	68	63	79	73	6	130	45	—	—
February	11·2	5·9	16·5	0·9	18·4	−5·8	67	62	108	127	7	123	42	—	—
March	13·9	8·1	19·3	2·7	23·4	−1·4	69	64	103	67	7	175	47	—	—
April	17·1	11·1	23·1	6·2	27·4	3·0	71	64	112	116	8	194	48	—	—
May	20·8	14·6	26·7	10·2	32·2	7·0	74	68	66	47	7	235	51	—	—
June	23·9	17·9	29·9	13·7	33·6	10·2	72	66	68	56	5	258	56	—	—
July	26·7	20·6	31·1	16·3	33·5	14·2	68	63	40	121	4	303	65	—	—
August	26·5	20·4	31·3	16·7	33·6	12·8	70	64	51	41	5	268	62	—	—
September	24·2	18·2	28·7	13·9	31·8	10·2	71	63	126	123	6	201	53	—	—
October	20·3	14·5	25·5	9·2	27·8	5·4	71	64	193	175	9	179	52	—	—
November	14·8	9·9	20·1	5·0	22·4	2·2	68	62	190	99	10	105	36	—	—
December	12·1	7·0	17·2	1·5	19·8	−2·2	67	63	134	151	8	117	41	—	—
Year	18·5	12·8	32·3*	−2·0*	33·6	−5·8	70	64	1270	175	82	2288	50	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	7	7	—	—

Isernia 41° 35′N 14° 13′E 402 m

Period 1958–68 Bibliography 37	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						per cent		millimetres			hours		hours	
January	10·1	1·8	15·1	−4·9	20·2	−11·3	—	—	74	48	10	—	—	—	—
February	11·3	2·8	17·9	−2·9	20·7	−9·1	—	—	73	59	7	—	—	—	—
March	13·4	4·5	19·5	−2·0	22·6	−8·3	—	—	92	49	9	—	—	—	—
April	17·3	7·4	22·5	2·7	26·7	−2·7	—	—	70	55	9	—	—	—	—
May	22·5	10·9	28·6	5·8	32·4	2·1	—	—	54	33	9	—	—	—	—
June	26·0	13·3	32·0	8·3	35·9	3·2	—	—	52	44	7	—	—	—	—
July	28·7	15·3	34·0	11·6	38·0	8·0	—	—	37	25	6	—	—	—	—
August	29·7	16·3	34·5	12·2	40·1	8·0	—	—	27	33	4	—	—	—	—
September	25·2	13·8	29·6	9·3	34·3	6·3	—	—	67	86	6	—	—	—	—
October	20·7	10·2	25·6	4·4	30·8	0·8	—	—	132	105	8	—	—	—	—
November	15·0	6·7	21·7	0·6	28·8	−4·0	—	—	150	68	14	—	—	—	—
December	11·4	4·1	16·8	−2·5	19·8	−9·5	—	—	132	49	13	—	—	—	—
Year	19·3	8·9	36·1*	−6·7*	40·1	−11·3	—	—	960	105	102	—	—	—	—
No. of years	9	9	9	9	9	9	—	—	11	10	11	—	—	—	—

L'Aquila 42° 21′N 13° 24′E 735 m

Period 1953–68 Bibliography 37	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						per cent		millimetres			hours		hours	
January	5·9	−1·8	12·6	−9·5	20·8	−16·8	—	—	86	50	10	—	—	—	—
February	8·0	−0·7	15·8	−7·2	22·2	−17·8	—	—	70	28	8	—	—	—	—
March	11·4	1·8	19·5	−4·9	26·9	−13·9	—	—	83	22	10	—	—	—	—
April	15·9	5·4	22·9	−0·5	28·0	−5·2	—	—	72	32	10	—	—	—	—
May	20·8	8·9	27·7	2·8	33·1	−0·8	—	—	62	33	9	—	—	—	—
June	24·8	12·2	31·5	6·8	34·8	3·0	—	—	55	43	7	—	—	—	—
July	28·5	14·1	34·5	9·5	37·8	5·0	—	—	29	20	5	—	—	—	—
August	28·5	14·1	35·0	9·6	40·0	7·4	—	—	34	37	4	—	—	—	—
September	24·8	11·5	30·9	5·7	35·8	3·5	—	—	54	38	7	—	—	—	—
October	18·4	7·2	25·1	0·8	28·6	−3·8	—	—	106	43	9	—	—	—	—
November	11·7	4·0	18·4	−2·6	22·1	−8·2	—	—	118	39	11	—	—	—	—
December	7·6	0·7	13·4	−5·6	16·2	−11·2	—	—	106	38	11	—	—	—	—
Year	17·2	6·5	36·1*	−10·9*	40·0	−17·8	—	—	875	50	101	—	—	—	—
No. of years	16	16	16	16	16	16	—	—	16	10	16	—	—	—	—

*Average of highest/lowest each year

†1946–55

ITALY

La Spezia 44°06′N 9°49′E 22 m

Period 1953–68 Bibliography 37	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
			degrees Celsius				per cent		millimetres			hours		hours	
January	10·7	3·8	15·7	−3·2	18·8	−5·6	—	—	103	62	9	—	—	—	—
February	11·6	4·7	16·7	−0·6	20·5	−7·0	—	—	120	60	10	—	—	—	—
March	14·5	6·8	20·1	1·5	24·4	−2·0	—	—	100	58	8	—	—	—	—
April	18·0	10·2	24·8	5·3	29·0	0·5	—	—	103	48	8	—	—	—	—
May	22·3	13·7	29·1	8·7	31·7	5·5	—	—	59	42	7	—	—	—	—
June	25·9	17·2	32·4	12·9	35·9	10·5	—	—	51	48	6	—	—	—	—
July	28·5	19·3	33·7	15·3	36·2	11·4	—	—	36	41	3	—	—	—	—
August	28·2	19·1	33·6	15·0	36·0	12·2	—	—	52	84	5	—	—	—	—
September	25·3	16·5	29·9	12·4	32·5	9·9	—	—	94	113	6	—	—	—	—
October	21·0	12·7	26·4	7·3	30·0	3·2	—	—	178	94	9	—	—	—	—
November	15·8	8·6	20·8	3·3	23·5	0·0	—	—	193	119	11	—	—	—	—
December	12·7	5·6	17·3	0·2	20·5	−3·1	—	—	185	115	11	—	—	—	—
Year	19·5	11·5	34·7*	−3·1*	36·2	−7·0	—	—	1274	119	93	—	—	—	—
No. of years	16	16	16	16	16	16	—	—	16	10	16	—	—	—	—

Milano (Milan) 45°28′N 9°11′E 121 m

Period 1953–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
			degrees Celsius				per cent		millimetres			hours		hours	
January	4·5	−0·2	11·2	−5·3	15·3	−10·0	90	82	44	37	6	61	22	—	—
February	7·6	1·9	14·4	−2·6	19·8	−10·7	87	73	60	41	7	94	32	—	—
March	13·1	5·9	19·5	0·8	22·1	−2·4	88	65	77	53	7	160	43	—	—
April	18·2	9·7	24·3	4·6	28·7	0·4	86	57	94	63	8	188	47	—	—
May	23·1	13·9	28·8	8·4	33·2	5·6	86	59	76	50	8	220	48	—	—
June	26·5	17·2	32·0	12·0	35·4	9·2	84	56	118	56	9	249	53	—	—
July	29·1	19·6	33·6	14·7	38·1	10·3	85	61	64	37	6	291	62	—	—
August	27 6	18·9	32·6	14·5	36·0	12·4	89	58	91	73	7	249	57	—	—
September	23·8	16·1	28·8	11·1	32·5	7·2	91	63	69	52	5	185	49	—	—
October	17·2	11·0	23·1	5·6	26·3	1·4	94	73	125	58	8	116	34	—	—
November	10·4	6·1	15·4	1·4	20·6	−1·4	92	80	122	47	10	46	16	—	—
December	5·9	1·7	12·5	−3·8	17·8	−7·2	94	89	77	65	7	47	17	—	—
Year	17·3	10·1	34·2*	−6·1*	38·1	−10·7	89	68	1017	73	88	1906	40	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	7	7	—	—

Napoli (Naples) 40°53′N 14°17′E 110 m

Period 1953–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
			degrees Celsius				per cent		millimetres			hours		hours	
January	11·7	4·3	16·4	−1·5	20·3	−4·4	77	68	116	50	11	120	40	—	—
February	12·6	4·8	17·7	−0·3	20·3	−4·0	78	67	85	53	10	117	40	—	—
March	14·8	6·4	20·3	0·4	25·0	−3·8	77	62	73	37	9	167	44	—	—
April	18·2	8·9	23·8	3·6	26·6	0·9	79	61	62	30	8	200	51	—	—
May	22·2	12·3	28·5	7·2	32·1	2·9	85	63	44	35	7	251	56	—	—
June	26·3	16·0	31·7	11·3	35·2	7·1	75	58	31	31	4	269	60	—	—
July	29·1	18·1	33·1	14·3	35·6	11·0	73	53	19	31	2	320	69	—	—
August	29·0	18·1	34·0	14·8	37·4	12·7	74	53	32	44	3	304	70	—	—
September	26·0	15·9	30·3	11·8	34·1	8·0	78	59	64	59	5	237	63	—	—
October	21·7	12·4	26·7	7·1	28·8	3·1	79	63	107	79	9	188	54	—	—
November	17·0	9·0	22·3	2·2	25·9	−1·8	81	68	147	89	11	124	41	—	—
December	13·6	6·4	17·9	0·1	19·5	−4·4	80	70	135	62	12	99	34	—	—
Year	20·2	11·1	34·7*	−2·8*	37·4	−4·4	78	62	915	89	91	2396	52	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	7	7	—	—

*Average of highest/lowest each year

†1946–55

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Parma 44°48′N 10°19′E 57 m

Period 1953–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·0	−1·9	10·2	−9·0	16·2	−14·4	88	80	40	20	6	77	27	—	—
February	7·8	0·3	15·1	−4·9	22·2	−14·2	85	71	53	37	7	132	45	—	—
March	13·9	4·2	21·2	−2·1	25·6	−7·5	85	62	76	55	8	140	38	—	—
April	19·0	8·2	25·6	2·8	30·0	0·0	84	55	93	51	9	196	49	—	—
May	24·1	12·0	30·0	6·6	33·2	1·0	85	57	65	63	7	263	57	—	—
June	27·7	15·8	33·9	10·7	37·0	6·5	78	49	64	96	7	305	65	—	—
July	30·6	17·9	35·2	13·1	38·0	11·0	78	49	47	55	5	338	71	—	—
August	29·6	17·3	34·4	12·8	37·8	10·0	80	47	47	59	5	296	68	—	—
September	25·5	14·5	31·3	9·5	39·8	7·0	84	57	70	75	5	247	66	—	—
October	18·7	10·0	24·7	4·1	27·6	0·5	90	68	96	71	8	161	47	—	—
November	10·7	5·4	16·7	−1·1	19·4	−9·1	92	78	114	72	10	55	19	—	—
December	5·7	0·8	11·8	−5·9	14·5	−10·2	91	84	78	81	8	51	19	—	—
Year	18·1	8·7	36·1*	−10·1*	39·8	−14·4	85	63	843	96	85	2261	48	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	4	4	—	—

Perugia 43° 07′N 12° 21′E 493 m [Sunshine data for Monte Terminillo 42° 28′N 12° 59′E 1875 m]

Period 1953–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·2	1·7	13·7	−4·9	18·6	−9·0	82	72	67	43	9	124	42	—	—
February	8·8	2·4	15·5	−3·2	20·8	−10·0	79	67	69	56	8	109	37	—	—
March	11·9	4·5	18·8	−1·6	23·6	−6·8	75	58	68	29	9	132	36	—	—
April	16·1	7·6	22·7	2·7	26·7	−1·7	76	57	70	33	9	144	36	—	—
May	20·5	11·3	26·9	5·8	29·8	0·6	80	55	55	29	8	198	44	—	—
June	24·9	14·9	31·1	10·0	33·8	7·0	76	49	68	50	7	216	47	—	—
July	27·9	17·5	33·6	12·9	36·2	9·4	76	45	46	40	5	286	62	—	—
August	27·8	17·4	34·0	13·2	37·4	11·0	72	46	58	41	5	254	59	—	—
September	24·0	15·0	29·8	10·7	33·3	8·7	80	54	88	120	6	198	53	—	—
October	18·3	11·0	25·1	5·8	28·8	1·5	82	65	103	50	8	161	47	—	—
November	12·7	6·9	18·8	1·5	23·3	−2·3	84	73	113	47	10	92	31	—	—
December	9·0	3·7	14·4	−1·9	18·1	−7·0	83	69	88	35	11	93	33	—	—
Year	17·4	9·5	35·1*	−6·0*	37·4	−10·0	79	59	893	120	95	2007	44	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	7	7	—	—

Pescara 42° 28′N 14° 13′E 10 m [Sunshine data for 42° 26′N 14° 11′E 16 m]

Period 1953–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	9·4	2·9	16·7	−2·0	22·5	−6·3	83	73	80	51	8	97	33	—	—
February	11·3	3·7	18·6	−1·3	24·4	−6·8	81	66	50	45	7	96	33	—	—
March	13·1	5·6	21·0	0·4	25·8	−3·4	83	65	65	34	8	163	44	—	—
April	17·0	8·4	22·4	3·3	26·5	−0·4	85	64	64	74	7	202	51	—	—
May	20·6	11·7	26·1	6·5	32·7	1·0	87	68	50	122	6	253	56	—	—
June	25·3	16·3	30·5	11·6	33·0	8·1	84	62	45	66	5	256	56	—	—
July	28·4	18·3	32·7	14·2	38·4	11·8	78	62	49	81	4	312	67	—	—
August	28·0	17·9	33·8	14·1	40·5	11·5	81	66	42	53	4	285	66	—	—
September	24·7	15·6	29·4	10·8	34·2	8·7	84	63	52	33	5	232	62	—	—
October	20·1	12·3	25·0	7·2	29·0	4·0	88	68	86	75	8	171	50	—	—
November	15·3	8·8	21·0	3·0	26·4	0·0	85	67	88	119	9	114	39	—	—
December	12·2	5·1	18·9	−0·2	22·5	−2·4	86	72	101	164	9	93	33	—	—
Year	18·8	10·5	34·9*	−2·8*	40·5	−6·8	84	66	772	164	80	2274	49	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	7	7	—	—

*Average of highest/lowest each year

†1946–55

ITALY

Pisa 43° 42′N 10° 24′E 6 m

Period 1953–68	Temperature						Relative humidity		Precipitation			Bright sunshine			
Bibliography 37	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						per cent		millimetres			hours		hours	
January	10·7	2·1	15·5	−4·2	19·2	−9·0	—	—	79	50	9	127	44	—	—
February	12·4	3·1	17·0	−3·3	20·0	−10·4	—	—	82	58	9	121	41	—	—
March	15·3	4·9	19·9	−1·4	22·7	−4·8	—	—	73	44	8	148	42	—	—
April	18·9	8·0	23·3	2·7	27·3	−2·0	—	—	69	48	8	204	51	—	—
May	23·1	11·6	27·9	6·1	32·2	1·4	—	—	59	43	7	244	53	—	—
June	26·4	15·0	31·2	10·6	34·1	7·5	—	—	48	50	6	274	59	—	—
July	29·3	17·1	33·4	13·2	36·8	10·5	—	—	16	13	2	331	70	—	—
August	28·9	16·8	33·2	13·1	36·0	9·6	—	—	56	256	4	283	65	—	—
September	26·0	14·5	30·1	9·6	33·5	7·4	—	—	91	160	6	215	57	—	—
October	21·4	10·8	25·8	4·5	29·5	0·5	—	—	140	143	8	174	51	—	—
November	15·6	7·2	20·4	0·3	24·4	−5·5	—	—	119	79	11	99	34	—	—
December	12·4	3·7	16·6	−2·5	19·6	−4·6	—	—	128	59	11	94	39	—	—
Year	20·0	9·6	34·1*	−5·2*	36·8	−10·4	—	—	960	256	89	2314	51	—	—
No. of years	16	16	16	16	16	16	—	—	16	10	16	7	7	—	—

Ponza 40° 51′N 12° 57′E 185 m

Period 1959–68	Temperature						Relative humidity		Precipitation			Bright sunshine			
Bibliography 37, 38	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						per cent		millimetres			hours		hours	
January	11·2	8·1	14·8	2·3	17·0	−0·8	81	80	81	51	10	—	—	—	—
February	11·9	8·5	16·0	4·3	19·5	0·2	83	79	47	90	6	—	—	—	—
March	13·1	9·4	16·3	4·7	18·0	1·6	83	77	55	44	8	—	—	—	—
April	16·0	11·6	19·4	7·7	21·6	5·6	86	78	44	49	6	—	—	—	—
May	19·6	14·5	23·8	10·7	27·2	8·0	84	76	18	21	3	—	—	—	—
June	24·2	18·1	28·6	13·7	30·8	10·4	81	70	9	18	1	—	—	—	—
July	27·3	21·1	30·2	17·9	32·6	15·4	80	69	6	20	1	—	—	—	—
August	26·9	21·1	30·2	17·6	32·4	15·4	82	70	20	28	2	—	—	—	—
September	23·9	19·2	27·8	15·9	35·2	13·4	84	75	46	37	4	—	—	—	—
October	20·0	16·2	23·8	11·8	26·7	8·8	84	78	104	79	8	—	—	—	—
November	16·1	12·8	20·3	8·3	22·6	6·0	82	77	103	49	10	—	—	—	—
December	13·1	9·9	16·9	4·5	19·2	0·6	80	77	126	64	12	—	—	—	—
Year	18·6	14·2	31·5*	1·3*	35·2	−1·6	83	75	659	90	71	—	—	—	—
No. of years	10	10	10	10	10	10	10†	10†	10	10	10	—	—	—	—

Potenza 40° 38′N 15° 46′E 823 m

Period 1953–68	Temperature						Relative humidity		Precipitation			Bright sunshine			
Bibliography 37, 38	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						per cent		millimetres			hours		hours	
January	6·4	1·2	13·0	−5·7	21·0	−10·0	85	75	100	55	12	—	—	—	—
February	8·1	1·5	15·6	−4·5	21·2	−8·8	82	59	73	32	10	—	—	—	—
March	10·6	3·2	19·2	−3·4	25·5	−8·0	79	59	70	27	11	—	—	—	—
April	14·5	6·2	21·9	0·8	25·3	−3·9	76	52	66	39	10	—	—	—	—
May	18·5	9·8	26·6	4·2	31·5	−0·4	76	55	55	30	8	—	—	—	—
June	23·6	13·5	30·9	8·5	34·5	4·5	72	47	39	43	6	—	—	—	—
July	27·3	15·9	33·5	11·0	36·2	5·4	71	43	18	21	3	—	—	—	—
August	26·9	15·9	33·2	11·6	38·0	9·2	69	39	40	38	4	—	—	—	—
September	23·1	13·3	29·5	8·3	33·0	3·5	77	50	59	43	6	—	—	—	—
October	17·7	9·9	25·3	5·1	28·6	1·8	83	60	81	69	10	—	—	—	—
November	12·6	6·2	19·3	0·0	24·8	−4·6	83	67	107	57	12	—	—	—	—
December	8·5	2·8	14·5	−3·9	19·0	−9·2	84	73	91	29	12	—	—	—	—
Year	16·5	8·3	34·8*	−7·0*	38·0	−10·0	78	57	799	69	104	—	—	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	—	—	—	—

*Average of highest/lowest each year

†1946–55

ITALY

Rimini 44°03′N 12°20′E 2 m

Period 1958–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·9	0·5	12·5	−4·9	19·0	−8·4	89	80	60	65	8	93	35	—	—
February	9·2	2·9	15·0	−2·0	19·0	−9·6	88	76	35	31	5	116	39	—	—
March	12·9	5·4	18·8	0·3	23·6	−4·0	83	69	61	43	8	120	29	—	—
April	17·4	9·8	22·1	5·1	27·2	3·0	84	67	62	48	8	164	39	—	—
May	21·9	13·4	26·3	7·9	30·7	4·8	84	69	53	39	7	253	51	—	—
June	25·6	17·1	30·5	12·9	34·4	9·8	77	64	54	37	7	257	56	—	—
July	28·3	19·2	32·8	14·0	37·2	10·6	78	65	63	99	4	311	63	—	—
August	27·8	19·1	32·7	15·1	36·4	10·4	78	62	54	48	5	263	63	—	—
September	24·3	16·3	28·0	11·9	33·3	8·8	84	66	54	52	6	191	53	—	—
October	19·6	12·2	24·0	7·0	29·0	3·7	90	73	87	77	8	137	41	—	—
November	13·2	7·9	18·4	2·3	24·4	−0·5	90	78	102	78	11	63	25	—	—
December	8·3	3·2	15·2	−2·3	19·3	−9·3	89	82	69	56	9	80	30	—	—
Year	17·9	10·6	34·1*	−5·6*	37·2	−9·6	85	71	754	99	86	2048	44	—	—
No. of years	11	11	11	11	11	11	10†	10†	11	10	11	4	4	—	—

Roma (Rome) 41°54′N 12°29′E 17 m

Period 1953–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	11·1	4·5	15·7	−1·4	18·8	−4·6	85	68	71	43	8	131	45	—	—
February	12·6	5·4	17·1	−0·4	20·0	−6·0	86	64	62	25	9	124	42	—	—
March	15·2	7·2	19·9	1·5	23·4	−2·4	83	56	57	44	8	179	49	—	—
April	18·8	9·8	23·6	4·9	25·8	1·4	83	54	51	31	6	212	53	—	—
May	23·4	13·3	28·9	8·2	31·4	3·2	77	54	46	25	5	263	58	—	—
June	27·6	17·2	32·8	12·8	36·4	9·8	74	48	37	35	4	275	60	—	—
July	30·4	19·6	34·6	15·8	36·4	12·4	70	42	15	33	1	334	72	—	—
August	29·8	19·4	34·2	16·0	40·0	11·6	73	43	21	22	2	307	71	—	—
September	26·3	16·9	30·2	12·7	33·2	10·8	83	50	63	97	5	243	65	—	—
October	21·5	12·8	25·9	7·2	29·0	3·7	86	59	99	91	8	189	55	—	—
November	16·1	9·3	21·2	2·8	23·4	−1·0	87	66	129	72	11	123	42	—	—
December	12·6	6·4	17·0	0·7	18·6	−2·6	85	70	93	38	10	111	39	—	—
Year	20·5	11·8	35·6*	2·3*	40·0	−6·0	81	56	744	97	77	2491	54	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	7	7	—	—

San Remo 43°49′N 7°47′E 9 m

Period 1953–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	13·4	6·8	17·8	2·3	21·4	−1·8	70	67	48	59	5	—	—	—	—
February	13·7	7·1	18·0	3·0	21·0	−2·2	71	69	76	49	6	—	—	—	—
March	15·8	8·6	20·3	4·5	24·0	0·6	74	72	79	46	6	—	—	—	—
April	18·5	11·0	23·8	7·1	28·9	4·6	75	74	67	73	6	—	—	—	—
May	21·8	14·2	26·7	10·1	32·2	6·2	78	73	44	65	5	—	—	—	—
June	24·8	17·4	29·3	13·7	32·2	11·0	79	77	41	36	5	—	—	—	—
July	27·6	19·9	30·7	16·6	33·0	14·0	74	73	20	25	2	—	—	—	—
August	27·5	19·7	31·3	16·9	34·5	13·8	75	72	39	134	3	—	—	—	—
September	25·3	17·7	28·7	14·2	32·2	11·6	72	69	73	82	5	—	—	—	—
October	21·8	14·5	26·5	10·4	30·1	6·8	75	71	113	83	7	—	—	—	—
November	17·1	10·7	21·1	6·4	23·0	2·1	73	72	148	110	9	—	—	—	—
December	14·6	8·3	18·6	4·0	21·6	0·0	72	70	95	78	7	—	—	—	—
Year	20·2	13·0	32·0*	1·2*	34·5	−2·2	74	72	843	134	66	—	—	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	—	—	—	—

*Average of highest/lowest each year

†1946–5

ITALY

Siena 43°31′N 11°20′E 348 m

Period 1953–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·1	2·5	12·3	−3·3	16·2	−7·4	83	70	57	32	8	—	—	—	—
February	8·7	3·2	14·1	−1·6	16·6	−8·2	82	66	57	33	8	—	—	—	—
March	11·9	5·2	17·6	−0·5	19·8	−5·6	80	57	64	45	8	—	—	—	—
April	16·1	8·3	21·7	2·9	26·0	−6·0	82	54	70	36	9	—	—	—	—
May	20·7	11·9	26·5	6·3	30·0	2·2	84	56	58	53	7	—	—	—	—
June	24·7	15·4	30·4	10·7	32·5	7·2	83	49	57	75	7	—	—	—	—
July	28·0	18·1	32·7	13·7	35·6	12·0	78	45	30	20	4	—	—	—	—
August	27·2	17·9	32·8	14·3	37·0	12·5	83	45	35	48	4	—	—	—	—
September	23·4	15·4	28·1	11·3	32·2	9·0	87	55	65	89	6	—	—	—	—
October	15·0	11·5	23·5	6·7	28·0	1·0	90	66	93	60	8	—	—	—	—
November	12·3	7·5	17·4	2·5	22·5	−1·2	88	72	115	201	9	—	—	—	—
December	8·7	4·6	13·5	−0·3	15·6	−5·6	87	74	89	54	9	—	—	—	—
Year	17·2	10·1	33·9*	−4·3*	37·0	−8·2	84	59	790	201	87	—	—	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	—	—	—	—

Taranto 40°28′N 17°14′E 15 m

Period 1953–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	11·8	6·4	16·1	0·8	18·0	−3·8	84	70	55	35	8	126	42	—	—
February	12·8	6·9	17·5	1·7	19·8	−3·0	83	62	44	50	5	131	44	—	—
March	14·8	8·4	19·8	2·7	24·8	−2·5	81	58	47	63	6	156	42	—	—
April	18·0	11·1	22·2	6·2	27·1	0·9	80	66	33	33	5	221	55	—	—
May	22·3	14·9	27·6	10·3	30·5	6·0	78	52	31	26	5	284	63	—	—
June	26·6	19·0	31·8	14·5	34·2	11·8	70	45	17	36	3	316	70	—	—
July	29·8	21·6	34·7	17·5	39·0	15·5	69	43	15	15	2	341	74	—	—
August	29·9	21·9	34·3	18·0	38·4	15·7	71	43	20	37	2	327	76	—	—
September	26·3	18·9	30·2	14·6	32·5	12·2	78	50	26	53	3	246	66	—	—
October	21·8	15·5	26·3	10·7	28·5	7·9	84	61	52	42	6	197	57	—	—
November	17·5	11·8	21·3	6·0	23·1	3·4	85	67	70	82	7	140	47	—	—
December	14·1	8·8	18·1	3·1	20·6	−2·2	85	68	59	37	6	110	38	—	—
Year	20·5	13·8	35·9*	−0·6*	39·0	−3·8	79	57	469	82	58	2595	56	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	4	4	—	—

Tarvisio 46°30′N 13°35′E 751 m

Period 1953–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−0·3	−9·6	7·3	−19·6	12·0	−25·0	89	74	55	50	6	—	—	—	—
February	3·5	−6·8	12·0	−15·6	18·0	−25·0	89	66	72	50	5	—	—	—	—
March	8·5	−3·8	17·3	−12·8	23·0	−20·0	88	58	83	48	7	—	—	—	—
April	12·1	0·7	20·2	−5·8	23·1	−15·0	89	53	125	66	11	—	—	—	—
May	16·4	4·7	24·0	−3·4	27·0	−9·0	90	56	133	72	11	—	—	—	—
June	20·7	8·5	27·6	1·6	31·0	−5·0	91	54	140	47	14	—	—	—	—
July	22·4	9·4	28·7	3·4	34·0	−2·0	92	53	148	51	12	—	—	—	—
August	21·7	8·7	29·0	2·7	33·0	0·0	93	54	164	87	10	—	—	—	—
September	19·8	6·5	26·8	0·3	32·0	−3·0	94	61	155	109	9	—	—	—	—
October	14·5	2·6	22·5	−3·9	27·0	−9·0	94	66	162	94	8	—	—	—	—
November	5·8	−1·5	13·8	−8·2	17·0	−17·0	93	72	180	111	10	—	—	—	—
December	0·7	−6·0	7·0	−14·3	10·0	−21·0	92	78	112	83	7	—	—	—	—
Year	12·1	1·4	30·6*	−21·2*	34·0	−25·0	91	62	1529	111	110	—	—	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	—	—	—	—

*Average of highest/lowest each year

†1946–55

ITALY

Termoli 42° 00′N 15° 00′E 21 m

Period 1959–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	9·6	3·8	17·1	−1·5	21·0	−6·0	75	72	76	82	8	—	—	—	—
February	10·8	4·8	18·3	−0·4	21·5	−5·1	74	68	49	43	6	—	—	—	—
March	14·0	6·6	21·7	0·9	26·8	−4·5	73	67	53	38	7	—	—	—	—
April	18·2	9·1	24·1	3·9	27·8	0·0	69	65	69	33	6	—	—	—	—
May	22·6	12·9	29·4	7·2	33·7	3·9	70	68	38	28	6	—	—	—	—
June	26·6	16·9	31·8	12·1	36·0	8·4	65	65	35	34	5	—	—	—	—
July	29·8	19·6	35·6	14·7	39·3	12·6	62	64	38	74	3	—	—	—	—
August	29·8	19·6	35·2	15·3	38·0	11·0	62	62	41	55	3	—	—	—	—
September	26·0	17·0	32·3	12·8	35·3	10·9	68	63	58	52	6	—	—	—	—
October	21·1	13·7	26·1	8·5	29·1	3·8	76	68	70	64	6	—	—	—	—
November	16·4	10·2	23·1	4·7	26·8	1·7	76	70	80	41	9	—	—	—	—
December	12·6	6·4	18·7	1·4	21·8	−0·9	75	71	86	59	11	—	—	—	—
Year	19·8	11·7	36·5*	−2·5*	39·3	−6·0	70	67	693	82	76	—	—	—	—
No. of years	10	10	10	10	10	10	10†	10†	10	10	10	—	—	—	—

Torino (Turin) 45° 04′N 7° 40′E 238 m [Sunshine data for 45° 02′N 7° 38′E 308 m 1962–68

Period 1953–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	4·0	−1·7	11·4	−6·6	19·5	−11·0	92	83	23	23	3	120	42	—	—
February	6·7	0·4	15·8	−4·8	22·0	−19·0	84	68	40	45	4	118	41	—	—
March	13·0	4·3	22·0	−0·7	26·0	−5·0	84	62	57	43	6	172	47	—	—
April	18·3	8·4	27·4	3·4	29·9	−0·5	85	57	109	69	8	181	45	—	—
May	23·1	12·9	31·0	7·1	34·0	3·4	91	66	76	45	8	213	46	—	—
June	26·7	16·4	34·9	10·6	40·0	8·0	82	54	112	80	10	221	47	—	—
July	29·4	18·9	35·6	13·9	42·6	11·3	79	50	72	62	6	260	55	—	—
August	27·9	17·8	34·4	13·3	37·0	10·0	82	54	45	30	6	224	51	—	—
September	23·9	14·7	30·3	10·1	34·8	7·0	89	60	62	91	5	164	43	—	—
October	17·0	9·3	24·8	4·2	28·5	−0·4	94	73	93	52	7	135	40	—	—
November	9·3	4·3	15·7	−0·5	20·5	−6·0	92	78	96	74	7	84	29	—	—
December	5·4	0·2	12·6	−5·1	22·0	−10·0	91	80	60	82	5	106	39	—	—
Year	17·1	8·8	36·9*	−8·2*	42·6	−19·0	87	65	845	91	75	1998	44	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	7	7	—	—

Trieste 45° 39′N 13° 46′E 11 m

Period 1953–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	6·7	2·6	11·9	−2·9	15·5	−9·1	70	67	68	44	7	108	38	—	—
February	7·9	3·2	12·9	−2·0	16·5	−13·6	73	68	62	55	7	109	38	—	—
March	11·7	6·1	17·3	0·6	23·5	−5·7	68	62	62	58	7	145	40	—	—
April	16·7	10·3	23·0	5·5	28·6	2·6	68	62	84	46	8	185	46	—	—
May	21·4	14·3	26·9	9·0	32·0	3·9	72	64	77	52	8	237	51	—	—
June	25·3	17·7	30·5	12·8	34·1	8·9	70	61	93	55	9	260	55	—	—
July	27·7	19·7	32·2	14·7	34·8	11·1	68	59	92	59	7	301	63	—	—
August	26·9	19·3	31·1	14·9	32·7	12·7	69	59	91	59	7	272	62	—	—
September	23·5	16·7	27·9	12·1	30·3	9·1	71	62	104	55	7	204	54	—	—
October	18·3	12·9	23·1	7·7	26·5	3·5	71	65	94	60	8	178	52	—	—
November	12·8	8·4	17·9	2·5	21·4	−3·0	76	69	107	59	9	81	28	—	—
December	9·0	5·1	14·2	0·3	16·5	−6·1	74	71	89	56	9	85	31	—	—
Year	17·3	11·4	32·7*	−4·6*	34·8	−13·6	71	64	1023	60	93	2165	47	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	7	7	—	—

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*Average of highest/lowest each year

†1946–

ITALY

Udine 46°04′N 13°14′E 116 m

Period 1953–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·9	−0·3	11·2	−5·8	13·4	−10·4	79	61	72	72	6	111	39	—	—
February	7·6	0·9	13·1	−4·3	17·2	−11·7	80	58	78	52	6	110	38	—	—
March	12·2	4·0	18·7	−2·1	24·0	−8·1	82	53	85	86	7	146	39	—	—
April	17·1	8·2	24·0	2·9	29·6	0·0	80	50	118	63	10	171	42	—	—
May	21·9	11·8	28·1	6·1	31·7	1·8	82	55	108	57	9	215	46	—	—
June	25·4	15·4	31·4	10·5	36·0	7·0	78	53	159	84	12	228	49	—	—
July	27·9	17·1	33·0	12·0	36·9	10·0	78	49	116	77	9	269	57	—	—
August	27·1	16·7	32·9	11·9	35·4	8·0	80	49	139	259	9	240	55	—	—
September	23·8	14·2	29·1	8·5	31·7	4·0	84	51	147	124	7	187	49	—	—
October	18·5	9·9	24·6	4·2	27·8	1·0	84	56	130	95	8	171	50	—	—
November	11·5	5·5	17·0	−0·6	20·0	−5·0	84	62	149	148	9	79	28	—	—
December	7·7	2·0	12·8	−3·3	17·0	−9·0	81	64	136	96	9	99	37	—	—
Year	17·2	8·8	34·0*	−7·0*	36·9	−11·7	81	55	1437	259	101	2026	44	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	16	16	7	7	—	—

Venezia (Venice) 45°27′N 12°19′E 1 m

Period 1953–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·5	0·5	10·5	−4·1	14·0	−7·9	86	76	37	34	6	94	33	—	—
February	7·6	1·7	12·9	−2·7	17·8	−9·4	80	76	48	53	6	102	35	—	—
March	11·8	5·0	17·4	0·3	22·4	−4·7	86	68	61	54	7	156	42	—	—
April	16·5	9·5	22·3	5·0	27·4	1·9	86	67	78	48	9	180	44	—	—
May	21·0	13·5	26·3	8·6	32·9	4·9	85	69	65	39	8	241	52	—	—
June	24·7	17·1	30·1	12·8	33·0	8·3	83	65	69	37	8	255	54	—	—
July	27·2	18·9	31·6	14·6	34·4	11·6	82	64	52	33	7	304	64	—	—
August	26·8	18·4	31·4	14·8	34·0	12·6	84	63	69	99	7	262	60	—	—
September	23·8	15·9	27·6	11·4	30·5	9·3	87	64	59	43	5	199	53	—	—
October	18·5	11·4	23·4	6·4	26·6	3·3	88	68	77	50	7	158	47	—	—
November	11·8	6·7	17·3	1·1	20·7	−2·1	88	75	94	81	9	72	25	—	—
December	7·5	2·6	12·4	−1·7	15·2	−4·3	88	79	61	39	8	81	30	—	—
Year	16·9	10·1	32·4*	−4·8*	34·4	−9·4	85	70	770	99	87	2104	45	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	7	7	—	—

Verona 45°26′N 10°59′E 60 m

Period 1953–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·3	−0·4	11·7	−5·9	16·4	−10·0	90	76	31	25	5	—	—	—	—
February	8·5	1·2	13·6	−3·9	17·2	−9·8	89	69	37	23	6	—	—	—	—
March	13·0	4·9	18·8	−0·3	21·3	−4·4	88	60	41	36	6	—	—	—	—
April	17·6	8·9	23·5	4·3	27·8	1·8	87	55	74	36	9	—	—	—	—
May	22·2	12·3	27·7	7·7	32·7	2·3	86	57	76	69	9	—	—	—	—
June	26·1	15·3	31·7	10·3	34·6	3·2	80	51	83	63	10	—	—	—	—
July	28·5	17·4	33·5	13·0	37·5	10·1	81	48	56	31	7	—	—	—	—
August	27·4	17·0	32·0	12·7	35·5	9·8	87	50	66	40	6	—	—	—	—
September	23·9	14·4	28·4	9·9	32·2	6·9	91	54	61	37	5	—	—	—	—
October	18·0	10·3	22·7	5·2	27·7	0·1	92	63	70	37	7	—	—	—	—
November	12·0	6·1	16·2	0·2	19·2	−3·2	92	74	77	48	8	—	—	—	—
December	8·0	2·0	13·2	−4·2	17·5	−9·8	93	81	54	34	7	—	—	—	—
Year	17·6	9·1	34·3*	−7·2*	37·5	−10·0	88	61	726	69	85	—	—	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	—	—	—	—

*Average of highest/lowest each year

†1946–55

ITALY

Alghero/Fertilia 40° 38′N 8° 17′E 40 m

Sardinia

Period 1959–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	13·0	6·3	17·3	0·1	20·0	−4·0	85	74	66	41	9	143	50	—	—
February	13·6	6·5	17·4	0·9	20·2	−2·0	84	73	65	37	8	135	46	—	—
March	14·9	7·5	19·6	2·0	22·0	−1·8	87	70	59	48	8	197	53	—	—
April	17·6	9·5	23·6	4·5	26·5	2·8	87	66	42	55	5	233	58	—	—
May	21·1	11·9	28·8	6·6	32·5	4·0	89	69	19	23	3	299	65	—	—
June	25·3	15·6	32·5	11·0	35·6	8·8	84	59	10	34	2	304	65	—	—
July	28·4	17·8	35·0	12·9	38·4	7·2	83	59	2	5	1	355	75	—	—
August	28·0	18·1	34·2	14·3	36·5	13·2	83	56	7	23	1	326	75	—	—
September	25·8	16·5	31·6	12·7	34·2	10·4	83	60	43	30	4	244	65	—	—
October	22·2	13·6	27·8	8·2	31·4	6·2	86	64	96	48	8	210	62	—	—
November	17·3	10·8	24·3	4·7	27·1	0·9	85	70	158	76	12	130	45	—	—
December	14·1	8·1	18·3	2·4	21·0	0·6	84	74	109	32	12	111	40	—	—
Year	20·1	11·9	35·9*	−0·4*	38·4	−4·0	85	66	676	76	73	2687	58	—	—
No. of years	10	10	10	10	10	10	10†	10†	10	10	10	7	7	—	—

Cagliari/Elmas 39° 12′N 9° 05′E 7 m

Sardinia

Period 1953–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	14·2	6·9	18·6	2·0	21·2	−2·0	87	73	50	34	8	128	42	—	—
February	14·6	7·4	18·8	2·9	21·2	−1·2	87	69	50	52	7	122	41	—	—
March	16·5	8·6	21·3	4·2	24·5	0·7	88	66	45	27	7	187	51	—	—
April	19·1	10 6	23·7	6·7	28·1	4·2	86	65	31	28	5	208	53	—	—
May	23·4	13·7	28·4	9·9	35·0	6·9	85	65	26	23	4	269	61	—	—
June	27·1	17·7	31·8	13·4	37·4	10·1	82	58	13	48	1	274	61	—	—
July	30·3	20·7	35·4	17·1	40·2	14·2	81	58	1	6	0	327	72	—	—
August	29·9	20·8	34·8	17·5	37·9	15·4	82	61	10	44	1	304	72	—	—
September	27·2	18·7	31·0	15·1	35·2	11·7	86	61	32	47	3	229	61	—	—
October	23·3	15·1	27·2	10·3	28·8	7·7	89	64	54	51	6	193	56	—	—
November	18·8	11·3	23·2	7·0	26·2	4·2	87	67	72	53	9	122	40	—	—
December	15·6	8·7	20·1	4·3	24·2	−1·0	87	73	67	75	9	105	36	—	—
Year	21·7	13·3	36·5*	1·1*	40·2	−2·0	86	65	451	75	60	2468	54	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	7	7	—	—

Macomer 40° 16′N 8° 47′E 572 m

Sardinia

Period 1953–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	11·7	4·4	18·2	−0·4	23·0	−4·0	91	78	114	48	10	—	—	—	—
February	12·6	4·6	19·8	0·0	27·0	−·08	88	75	122	67	10	—	—	—	—
March	15·5	6·0	22·2	0·8	26·0	−3·0	85	67	90	43	9	—	—	—	—
April	19·0	8·1	25·8	3·5	29·0	0·5	83	61	87	64	9	—	—	—	—
May	24·4	10·9	31·7	5·8	37·3	3·0	81	62	47	40	5	—	—	—	—
June	29·3	14·4	36·9	9·4	42·5	6·0	72	48	42	44	4	—	—	—	—
July	33·4	16·7	39·8	12·1	44·0	10·0	65	41	8	38	1	—	—	—	—
August	33·2	17·2	40·2	12·2	44·4	6·0	70	39	18	70	1	—	—	—	—
September	29·9	15·4	36·2	10·8	40·0	7·5	79	50	51	95	4	—	—	—	—
October	23·2	11·9	30·2	6·3	34·0	3·0	87	64	110	129	9	—	—	—	—
November	16·4	8·4	24·1	3·4	28·0	−2·0	87	71	168	73	12	—	—	—	—
December	12·6	5·9	18·0	1·2	24·0	−1·5	87	77	181	60	13	—	—	—	—
Year	21·8	10·3	41·6*	−1·7*	44·4	−8·0	81	61	1038	129	87	—	—	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	—	—	—	—

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*Average of highest/lowest each year

†1946–5

ITALY

Orosei 40° 21′N 9° 40′E 19 m — Sardinia

Period 1953–68 Bibliography 37	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	14·9	6·8	20·4	1·9	25·0	−2·3	—	—	49	28	7	—	—	—	—
February	15·1	7·1	19·8	2·5	25·5	0·0	—	—	64	49	7	—	—	—	—
March	17·0	8·5	22·1	3·0	27·5	0·0	—	—	63	49	6	—	—	—	—
April	19·1	10·2	23·8	5·5	27·0	2·1	—	—	61	79	5	—	—	—	—
May	22·2	13·2	28·0	8·3	32·6	5·0	—	—	32	37	3	—	—	—	—
June	25·9	17·0	31·2	12·7	35·4	10·0	—	—	21	79	2	—	—	—	—
July	29·1	19·3	34·3	15·5	37·5	8·3	—	—	2	2	0	—	—	—	—
August	29·2	19·2	33·7	15·3	39·3	9·2	—	—	12	38	1	—	—	—	—
September	27·2	17·6	31·3	13·7	35·4	9·0	—	—	42	47	3	—	—	—	—
October	23·2	14·4	27·6	9·7	31·6	7·0	—	—	112	77	7	—	—	—	—
November	19·0	10·9	24·1	5·6	27·8	1·3	—	—	123	90	7	—	—	—	—
December	16·4	8·6	21·3	4·0	24·5	1·6	—	—	79	86	8	—	—	—	—
Year	21·5	12·7	34·9*	1·1*	39·3	−2·3	—	—	660	90	56	—	—	—	—
No. of years	16	16	16	16	16	16	—	—	16	10	16	—	—	—	—

Tempio Pausania 40° 54′N 9° 06′E 558 m [Sunshine data for Olbia 40° 56′N 9° 30′E 2 m] Sardinia

Period 1953–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·3	3·5	15·1	−2·6	21·0	−8·0	88	82	89	64	10	136	46	—	—
February	9·4	3·8	16·1	−0·9	23·3	−7·2	85	75	76	37	10	133	45	—	—
March	11·7	5·1	18·7	0·2	25·8	−5·0	80	66	66	36	9	199	54	—	—
April	14·9	7·4	22·3	2·8	26·8	−0·8	79	63	62	41	7	235	59	—	—
May	19·5	10·7	27·7	5·9	32·1	2·5	81	67	47	41	5	315	70	—	—
June	23·7	14·4	31·6	9·8	37·2	7·3	74	55	30	28	4	317	70	—	—
July	27·2	17·5	34·8	13·1	38·4	11·4	73	51	7	29	1	373	81	—	—
August	26·9	17·5	34·6	13·0	38·1	9·6	74	50	19	29	2	328	77	—	—
September	23·9	15·3	30·6	11·3	35·5	9·0	83	63	39	30	4	253	67	—	—
October	18·6	11·8	25·9	6·4	30·0	0·5	86	70	98	92	9	200	58	—	—
November	13·0	8·0	20·8	3·3	26·0	−0·1	87	80	126	50	11	135	45	—	—
December	9·7	5·3	15·7	0·8	19·4	−3·9	88	81	106	65	12	119	41	—	—
Year	17·2	10·0	36·2*	−3·4*	38·4	−8·0	81	67	765	92	84	2743	59	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	7	7	—	—

Caltanissetta 37° 29′N 14° 04′E 570 m — Sicily

Period 1953–68 Bibliography 37	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	10·5	4·0	15·6	−0·2	20·3	−4·5	—	—	78	40	10	—	—	—	—
February	11·9	4·4	17·6	0·2	23·8	−4·1	—	—	47	51	7	—	—	—	—
March	14·0	5·3	20·3	0·5	24·4	−4·2	—	—	52	33	8	—	—	—	—
April	17·5	7·7	22·7	3·7	28·2	−0·2	—	—	47	65	6	—	—	—	—
May	22·5	11·6	29·0	6·8	32·0	3·5	—	—	38	59	5	—	—	—	—
June	27·8	15·9	34·5	11·3	37·7	9·0	—	—	16	38	2	—	—	—	—
July	31·0	18·6	36·0	14·5	40·0	12·6	—	—	15	43	1	—	—	—	—
August	30·8	18·8	36·3	15·1	40·2	11·0	—	—	8	12	2	—	—	—	—
September	27·0	16·1	32·0	12·9	35·8	9·0	—	—	42	83	4	—	—	—	—
October	21·1	12·6	26·8	8·2	31·3	5·5	—	—	60	53	7	—	—	—	—
November	15·9	8·7	21·2	4·7	25·1	1·0	—	—	73	45	8	—	—	—	—
December	12·1	5·8	16·5	1·3	20·8	−1·8	—	—	74	37	10	—	—	—	—
Year	20·2	10·8	37·4*	−1·5*	40·2	−4·5	—	—	550	83	70	—	—	—	—
No. of years	16	16	16	16	16	16	—	—	16	10	16	—	—	—	—

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*Average of highest/lowest each year

†1946–55

ITALY

Catania 37° 30′N 15° 06′E 45 m

Sicily

Period 1953–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	14·1	7·7	18·8	3·2	22·7	−0·8	89	69	93	43	9	123	41	—	—
February	15·1	7·9	20·1	3·5	24·6	0·6	84	62	54	55	5	128	43	—	—
March	16·6	9·3	22·7	4·7	28·5	1·2	85	62	102	40	6	172	47	—	—
April	19·0	11·6	24·3	7·6	29·0	4·4	85	62	60	126	4	199	50	—	—
May	23·3	15·2	29·5	11·1	34·0	8·2	79	62	37	58	3	241	55	—	—
June	27·5	19·3	33·2	15·9	36·0	13·5	70	57	8	15	2	287	65	—	—
July	30·8	22·3	37·4	19·6	44·0	18·2	72	59	3	10	1	319	71	—	—
August	30·7	22·5	36·8	19·5	40·6	17·0	74	57	12	11	1	281	67	—	—
September	27·7	20·2	32·7	16·8	38·1	14·1	80	58	41	82	3	247	66	—	—
October	23·2	16·3	27·8	11·9	31·3	9·8	87	65	171	103	7	186	53	—	—
November	19·2	12·7	23·7	8·3	27·2	4·4	87	64	113	47	7	170	56	—	—
December	15·7	9·4	19·6	5·2	22·7	2·4	88	67	92	70	8	139	47	—	—
Year	21·9	14·5	38·8*	2·2*	44·0	−0·8	82	62	786	126	56	2493	55	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	3	3	—	—

Cozzo Spadaro 36° 41′N 15° 08′E 46 m

Sicily

Period 1959–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	14·9	8·9	18·0	2·7	20·0	0·5	80	73	51	42	7	—	—	—	—
February	15·3	9·1	19·3	4·4	21·6	2·0	78	70	34	27	6	—	—	—	—
March	16·6	10·0	20·4	5·7	21·4	1·2	78	70	31	23	5	—	—	—	—
April	18·6	12·0	22·1	8·3	24·0	6·0	81	69	16	10	3	—	—	—	—
May	22·3	15·0	26·7	11·3	30·0	10·2	79	67	11	32	2	—	—	—	—
June	26·1	18·6	31·2	14·9	33·2	13·0	73	59	5	18	1	—	—	—	—
July	29·6	21·6	34·0	19·1	40·5	17·8	73	61	0	1	0	—	—	—	—
August	29·9	22·5	34·8	19·8	39·5	18·2	74	59	2	7	1	—	—	—	—
September	27·5	20·5	30·9	17·0	33·8	14·2	78	64	9	19	2	—	—	—	—
October	23·8	17·5	27·4	12·9	29·4	10·8	80	69	87	93	5	—	—	—	—
November	20·3	14·1	23·7	9·5	25·4	7·4	80	70	28	32	5	—	—	—	—
December	16·5	10·9	19·6	6·5	21·8	4·0	80	72	52	39	7	—	—	—	—
Year	21·8	15·1	36·1*	2·4*	40·5	0·5	78	67	326	93	44	—	—	—	—
No. of years	10	10	10	10	10	10	10†	10†	10	10	10	—	—	—	—

Lampedusa 35° 30′N 12° 37′E 18 m

Pelagie Islands

Period 1959–68 Bibliography 37	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	15·0	11·3	18·2	6·4	19·8	3·0	—	—	49	46	8	—	—	—	—
February	15·3	11·3	18·9	7·4	23·0	4·0	—	—	38	56	5	—	—	—	—
March	16·1	12·1	19·9	7·7	24·0	5·4	—	—	17	22	4	—	—	—	—
April	18·0	13·6	21·9	10·0	25·6	7·4	—	—	17	23	2	—	—	—	—
May	21·0	16·4	25·2	12·5	30·2	10·0	—	—	6	7	2	—	—	—	—
June	24·3	19·7	29·4	16·3	32·2	14·6	—	—	3	15	1	—	—	—	—
July	27·5	22·7	31·0	19·8	33·8	18·8	—	—	<1	<1	<1	—	—	—	—
August	28·3	23·7	31·3	21·0	32·6	19·2	—	—	4	19	<1	—	—	—	—
September	26·8	22·5	29·6	18·9	31·6	16·6	—	—	6	14	2	—	—	—	—
October	24·0	19·6	27·5	14·0	28·8	11·6	—	—	67	58	6	—	—	—	—
November	20·4	16·6	25·2	11·4	29·6	8·0	—	—	30	76	3	—	—	—	—
December	16·6	13·1	19·7	8·7	21·2	6·8	—	—	53	70	8	—	—	—	—
Year	21·1	16·9	32·0*	5·8*	33·8	3·0	—	—	290	76	41	—	—	—	—
No. of years	10	10	10	10	10	10	—	—	10	10	10	—	—	—	—

*Average of highest/lowest each year

†1946–55

ITALY

Messina 38° 12′N 15° 33′E 54 m

Sicily

Period 1958–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	13·5	9·3	17·5	3·8	21·4	0·4	75	67	149	59	14	112	37	—	—
February	14·3	9·5	18·4	5·1	21·8	2·8	74	68	83	56	9	125	41	—	—
March	15·6	10·6	20·9	5·9	24·0	1·0	75	63	83	46	10	170	46	—	—
April	18·2	12·6	22·5	8·7	26·0	7·0	74	61	63	40	8	219	55	—	—
May	22·3	16·0	27·5	11·8	30·2	10·4	74	60	56	136	4	246	56	—	—
June	26·1	19·6	31·0	15·9	32·8	14·0	70	54	19	24	3	280	63	—	—
July	29·4	22·6	34·0	19·3	37·6	16·2	71	54	20	46	2	332	74	—	—
August	29·6	23·2	33·8	20·0	36·8	18·8	71	56	20	38	2	304	72	—	—
September	26·6	20·7	30·8	17·3	34·0	15·4	76	59	56	106	6	238	64	—	—
October	22·8	17·5	26·8	13·3	28·4	11·0	79	66	99	66	9	185	53	—	—
November	19·0	14·4	23·2	10·1	25·2	7·8	76	66	119	67	10	136	45	—	—
December	15·4	11·2	19·4	6·3	22·2	0·6	76	63	135	73	14	101	34	—	—
Year	21·1	15·6	34·9*	2·9*	37·6	0·4	74	61	902	136	91	2448	53	—	—
No. of years	11	11	11	11	11	11	10†	10†	11	10	11	7	7	—	—

Palermo 38° 06′N 13° 19′E 31 m

Sicily

Period 1953–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	15·8	8·0	22·1	3·1	30·4	0·3	76	67	71	29	12	—	—	—	—
February	16·4	8·1	22·7	3·7	26·8	0·2	72	63	43	19	8	—	—	—	—
March	17·4	8·9	24·0	4·6	29·6	1·0	72	60	50	60	8	—	—	—	—
April	20·0	11·1	27·8	7·0	34·0	3·5	70	60	49	55	6	—	—	—	—
May	23·6	14·2	30·7	9·6	36·0	7·6	71	58	19	21	3	—	—	—	—
June	27·0	17·8	33·7	13·9	39·5	11·0	68	54	9	23	2	—	—	—	—
July	29·7	20·5	35·5	17·7	41·2	13·6	64	52	2	22	0	—	—	—	—
August	30·0	21·1	36·0	18·1	41·8	16·0	64	52	18	32	2	—	—	—	—
September	28·2	18·9	34·8	15·3	41·1	11·0	66	53	41	42	4	—	—	—	—
October	25·0	15·8	30·0	11·1	35·2	9·3	72	61	77	70	8	—	—	—	—
November	21·4	12·4	27·2	8·2	31·9	4·5	74	64	71	28	8	—	—	—	—
December	17·7	9·7	23·3	5·5	25·7	2·0	74	65	62	63	10	—	—	—	—
Year	22·7	13·9	38·4*	2·3*	41·8	0·2	70	59	512	70	71	—	—	—	—
No. of years	16	16	16	16	16	16	10†	10†	16	10	16	—	—	—	—

Pantelleria 36° 49′N 11° 57′E 254 m

Pantelleria

Period 1959–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	13·7	8·7	18·3	3·7	26·0	1·4	—	—	48	81	9	123	40	—	—
February	14·1	8·6	19·9	4·3	25·2	1·4	—	—	58	61	7	129	43	—	—
March	16·3	9·5	22·4	6·0	27·6	1·6	—	—	38	49	5	185	50	—	—
April	18·3	10·8	23·9	8·2	27·8	5·0	—	—	34	40	5	214	54	—	—
May	21·8	14·0	29·7	10·8	36·6	8·0	—	—	14	30	2	250	57	—	—
June	25·1	17·1	32·3	14·1	35·2	11·6	—	—	10	30	1	279	62	—	—
July	28·5	20·0	34·0	18·0	39·6	15·4	—	—	0	14	0	330	74	—	—
August	28·5	21·1	35·9	18·4	38·8	16·0	—	—	30	92	1	313	70	—	—
September	26·3	19·6	31·9	16·7	37·4	15·2	—	—	21	45	2	247	67	—	—
October	22·5	16·9	28·4	11·7	35·0	9·8	—	—	51	65	5	203	60	—	—
November	19·1	13·9	25·3	8·6	27·8	6·0	—	—	42	32	5	156	52	—	—
December	14·9	10·6	19·6	5·9	22·4	3·0	—	—	69	23	9	117	40	—	—
Year	20·8	14·2	36·7*	3·2*	39·6	1·4	—	—	415	92	51	2546	56	—	—
No. of years	10	10	10	10	10	10	—	—	10	10	10	7	7	—	—

*Average of highest/lowest each year

†1946–55

ITALY

Stromboli 38° 48′N 15° 14′E 5 m — Lipari Islands

Period 1959–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	14·8	9·5	19·8	3·7	22·5	1·6	77	72	81	45	12	—	—	—	—
February	15·6	9·6	20·8	5·4	23·2	2·4	77	72	48	32	8	—	—	—	—
March	16·7	10·5	21·6	6·2	24·6	1·5	78	69	44	32	7	—	—	—	—
April	19·2	12·1	23·9	8·4	26·0	5·0	82	72	41	40	6	—	—	—	—
May	23·1	14·9	28·5	10·9	31·0	9·0	81	72	32	38	4	—	—	—	—
June	27·1	18·4	32·3	14·8	35·0	12·5	79	69	13	19	3	—	—	—	—
July	30·5	21·2	34·9	18·2	39·4	17·0	79	69	5	13	1	—	—	—	—
August	31·0	21·8	35·7	19·5	39·2	18·4	79	66	6	13	2	—	—	—	—
September	28·5	20·0	32·7	16·9	35·4	14·0	80	68	41	38	4	—	—	—	—
October	24·7	16·9	29·4	12·9	32·6	10·5	80	70	58	52	7	—	—	—	—
November	20·3	14·0	25·3	10·1	27·0	7·6	79	72	65	34	9	—	—	—	—
December	16·8	11·3	21·3	7·1	23·4	3·7	77	72	98	49	13	—	—	—	—
Year	22·4	15·0	36·2*	3·3*	39·4	1·5	79	70	532	52	76	—	—	—	—
No. of years	10	10	10	10	10	10	10†	10†	10	10	10	—	—	—	—

Trapani 38° 01′N 12° 30′E 15 m — [Sunshine data for 37° 55′N 12° 30′E 14 m] Sicily

Period 1953–68 Bibliography 37	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	14·5	8·7	18·1	3·8	20·5	−0·5	—	—	62	39	11	134	44	—	—
February	14·6	8·8	18·1	4·9	21·2	2·0	—	—	46	26	8	129	43	—	—
March	16·4	10·1	20·9	5·6	24·2	1·4	—	—	40	25	6	200	54	—	—
April	19·3	11·9	24·3	8·2	29·2	6·4	—	—	40	37	6	235	59	—	—
May	22·5	14·9	28·3	10·6	32·9	8·5	—	—	14	25	3	286	65	—	—
June	26·5	18·6	32·5	14·4	37·0	11·5	—	—	11	20	2	299	67	—	—
July	29·2	21·4	34·5	18·3	39·5	15·4	—	—	1	14	0	356	79	—	—
August	29·3	21·8	34·0	18·6	36·3	14·8	—	—	18	75	2	320	76	—	—
September	27·0	19·9	31·2	16·2	34·0	12·0	—	—	38	107	3	262	70	—	—
October	23·0	16·9	28·0	12·5	33·5	9·4	—	—	65	34	7	217	62	—	—
November	19·4	13·5	24·2	8·5	27·6	3·4	—	—	82	28	9	163	53	—	—
December	16·1	10·8	19·3	5·9	23·3	2·0	—	—	99	36	11	129	44	—	—
Year	21·5	14·8	35·7*	2·9*	39·5	−0·5	—	—	516	107	68	2730	60	—	—
No. of years	16	16	16	16	16	16	—	—	16	10	16	7	7	—	—

Ustica 38° 42′N 13° 10′E 259 m — Sicily

Period 1959–68 Bibliography 37, 38	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	12·0	8·7	17·1	2·9	22·4	−1·2	85	81	45	24	9	137	45	—	—
February	12·3	8·8	16·7	4·8	20·2	1·8	86	82	26	28	5	131	44	—	—
March	13·4	9·6	18·7	5·3	23·2	1·2	87	81	31	25	5	190	51	—	—
April	16·0	11·6	21·6	8·2	25·0	5·2	83	79	26	24	5	227	57	—	—
May	19·9	14·6	26·6	11·2	30·4	9·8	89	78	11	22	2	287	65	—	—
June	23·6	18·2	29·5	14·9	32·2	12·8	85	73	12	32	2	301	68	—	—
July	26·9	21·2	31·9	18·4	36·2	14·0	86	73	6	30	1	358	79	—	—
August	27·2	21·9	32·1	19·5	35·4	15·2	85	74	7	21	1	317	75	—	—
September	24·5	19·9	28·8	16·7	31·6	13·2	86	76	26	34	4	249	67	—	—
October	20·9	16·5	25·4	11·8	30·2	8·6	87	79	57	46	6	197	57	—	—
November	17·3	13·6	22·9	9·5	26·0	7·6	85	80	58	37	8	164	54	—	—
December	13·8	10·4	18·1	5·8	20·0	1·6	84	81	70	42	11	126	43	—	—
Year	19·0	14·6	33·0*	2·4*	36·2	−1·2	86	78	375	46	59	2684	59	—	—
No. of years	10	10	10	10	10	10	10†	10†	10	10	10	7	7	—	—

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*Average of highest/lowest each year

†1946–55

LUXEMBOURG

Clervaux 50° 03′N 6° 01′E 454 m

Period 1949–60 Bibliography 39	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·8	−3·0	9·4	−11·2	13·0	−18·2	91	85	72	27	18	46	17	9·0	18
February	4·2	−3·0	11·7	−12·3	16·0	−23·5	90	78	73	29	17	67	24	10·7	12
March	9·0	−0·4	17·3	−7·8	21·0	−14·5	88	65	51	41	14	135	37	12·1	6
April	11·7	1·9	22·1	−3·9	28·0	−7·0	87	59	53	27	14	181	44	16·0	4
May	16·9	5·8	25·4	−1·1	31·5	−3·5	85	57	68	27	14	212	44	15·1	1
June	19·8	8·5	27·9	2·8	35·5	0·5	86	61	81	45	14	205	42	16·0	2
July	21·6	10·6	29·3	5·1	35·5	1·6	88	61	83	67	15	210	43	16·0	2
August	20·5	10·1	28·3	4·1	31·5	1·0	92	63	108	39	17	190	42	14·7	2
September	18·0	8·2	25·4	1·9	30·5	−3·0	92	67	71	31	16	154	41	12·5	3
October	12·8	4·1	19·9	−2·9	22·8	−7·5	94	74	62	30	17	113	34	12·5	7
November	6·7	1·2	12·7	−5·3	17·5	−10·0	94	85	77	26	19	44	16	10·5	14
December	3·9	−1·2	9·8	−8·4	13·5	−17·5	94	90	86	28	19	29	11	9·6	19
Year	12·3	3·6	30·8*	−15·0*	35·5	−23·5	90	70	885	67	194	1586	35	16·0	90
No. of years	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12

Echternach 49° 49′N 6° 25′E 164 m

Period 1949–60 Bibliography 39	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	3·8	−1·9	11·2	−11·0	12·8	−17·3	89	80	60	19	14	45	17	9·0	18
February	5·4	−2·2	13·3	−11·5	18·5	−21·5	88	74	66	26	13	66	23	9·5	13
March	10·9	0·0	19·5	−6·9	24·0	−11·5	89	60	40	21	11	129	35	11·0	7
April	15·0	2·5	24·1	−3·7	30·5	−6·0	88	52	47	20	11	159	39	13·5	6
May	19·6	6·3	27·8	−0·9	32·8	−3·5	88	52	59	56	11	207	44	14·0	4
June	22·3	9·8	30·1	3·9	34·5	1·0	89	55	67	41	11	206	43	15·0	4
July	24·2	11·9	31·9	6·4	36·5	3·0	87	55	61	120	11	212	43	15·0	4
August	23·0	11·4	30·9	6·6	34·4	3·4	89	56	77	31	13	194	44	14·5	3
September	20·3	9·1	27·7	2·2	33·5	−0·4	92	60	63	27	13	151	40	12·0	4
October	14·5	5·1	21·6	−1·8	25·0	−7·0	93	70	47	26	11	97	29	10·0	8
November	8·2	2·0	13·9	−4·8	16·7	−9·8	91	78	63	20	14	41	15	8·0	17
December	5·0	0·2	11·9	−7·6	15·5	−12·0	90	84	81	30	15	26	10	7·5	21
Year	14·3	4·5	33·0*	−13·9*	36·5	−17·3	89	65	731	120	148	1533	34	15·0	109
No. of years	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12

Luxembourg 49° 37′N 6° 03′E 330 m

Period 1949–60 Bibliography 39	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·5	−1·4	9·4	−9·5	11·0	−15·0	92	86	61	18	20	45	17	9·0	18
February	4·2	−0·7	12·2	−9·6	17·2	−19·6	91	78	65	21	16	68	24	10·5	12
March	9·7	1·4	18·5	−5·5	22·5	−10·5	88	64	42	23	14	143	39	12·5	6
April	13·8	4·2	23·1	−1·9	29·4	−4·0	85	58	47	21	13	171	42	13·0	3
May	18·3	7·9	26·3	0·7	30·0	−1·6	87	59	64	38	15	201	42	13·5	2
June	21·2	11·0	29·1	5·6	33·6	3·7	88	61	64	41	14	189	39	16·0	3
July	22·9	13·0	31·0	8·3	36·6	5·3	89	61	60	49	14	199	40	14·5	3
August	21·8	12·3	29·5	7·2	33·4	4·3	91	63	84	37	15	183	41	13·0	2
September	18·8	10·2	26·3	4·2	33·0	1·0	93	67	72	38	16	143	38	12·0	5
October	13·1	6·2	19·7	−0·7	22·2	−4·5	95	76	53	28	15	95	28	10·0	9
November	6·8	2·7	12·8	−3·4	17·0	−7·2	93	86	67	21	19	28	10	9·0	19
December	3·7	0·3	10·2	−6·3	14·0	−13·5	95	91	81	30	20	22	9	8·0	22
Year	13·1	5·6	32·0*	−12·0*	36·6	−19·6	91	71	760	49	191	1487	33	16·0	104
No. of years	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12

*Average of highest/lowest each year

MALTA

Luqa 35° 31′N 14° 29′E 74 m

Period 1946–60 Bibliography 40	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	14·9	9·6	18·3	5·6	21·7	2·8	81	71	91	80	12	177	57	9·8	1
February	15·4	9·5	20·0	5·0	26·7	1·7	80	66	43	37	7	188	61	10·7	1
March	16·8	10·2	22·2	5·6	28·9	2·2	84	65	42	55	6	235	63	11·6	1
April	19·0	11·9	25·0	7·8	28·3	4·4	83	62	29	51	4	260	66	12·9	1
May	22·9	15·1	28·9	11·1	33·3	8·9	80	59	11	27	2	310	71	13·4	0
June	27·8	19·0	32·8	15·6	37·2	14·4	73	50	2	18	0	350	80	13·7	0
July	30·3	21·3	35·0	18·9	38·9	16·1	76	51	2	18	0	384	86	13·6	0
August	30·9	22·1	35·6	18·9	39·4	17·2	79	52	6	18	1	362	86	13·3	0
September	28·2	20·8	32·2	17·2	37·2	15·0	81	60	34	77	3	281	75	12·1	0
October	24·1	17·6	28·3	13·3	31·7	10·6	82	65	144	83	9	221	63	11·1	0
November	20·1	14·2	23·9	9·4	26·7	6·1	82	66	102	59	10	188	61	10·0	1
December	16·7	11·1	20·6	6·7	22·8	5·0	81	69	93	84	12	165	55	9·2	1
Year	22·3	15·2	36·7*	4·4*	39·4	1·7	80	61	599	84	66	3121	70	13·7	6
No. of years	15	15	14	14	14	14	14	14	15	15	15	15	15	15	15

Valletta 35° 54′N 14° 31′E 70 m

Period 1931–47 Bibliography 40	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 1·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	14·4	10·2	18·3	6·7	22·8	5·0	76	67	90	60	12	170	55	10·0	1
February	14·7	10·3	19·4	6·1	24·4	5·0	76	66	60	124	8	177	58	10·9	1
March	16·1	11·2	21·1	7·8	26·1	5·0	78	65	39	93	5	225	61	11·6	1
April	18·3	13·1	23·3	9·4	27·8	7·2	78	64	15	37	2	264	67	12·8	0
May	21·6	15·9	28·3	12·8	34·4	11·7	75	63	12	26	2	305	70	13·4	0
June	25·9	19·4	32·8	16·1	39·4	13·9	72	60	2	9	0	344	79	13·6	0
July	28·9	22·1	35·6	19·4	39·4	17·8	71	59	0	1	0	386	87	13·5	0
August	29·3	22·9	34·4	20·6	40·0	16·7	76	62	8	67	1	354	84	13·0	0
September	27·1	21·6	31·1	17·8	36·7	16·1	76	64	29	69	3	283	76	12·0	0
October	23·8	18·9	28·9	13·9	32·8	16·1	77	65	63	132	6	232	66	11·1	0
November	19·7	15·6	23·9	11·7	26·1	9·4	78	67	91	60	9	172	56	10·3	1
December	16·1	12·0	20·0	7·8	22·2	5·6	77	68	110	92	13	154	51	9·5	2
Year	21·3	16·1	36·1*	5·6*	40·0	5·0	76	64	519	132	61	3066	69	13·6	6
No. of years	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17

*Average of highest/lowest each year

MONACO

Monaco 43° 43′N 7° 25′E 55 m

Period 1931–60 Bibliography 41, 42, 43	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	12·3	8·3	16·4	4·2	21·0	0·0	67	67	61	63	5	143	49	—	—
February	12·5	8·4	16·5	4·0	19·0	−1·3	70	69	58	65	5	149	50	—	—
March	13·8	9·9	17·7	5·7	20·0	1·0	74	73	71	46	7	167	45	—	—
April	16·0	12·0	20·4	8·3	25·2	4·0	77	72	65	94	5	190	47	—	—
May	19·1	15·1	23·4	11·1	29·0	7·8	78	75	64	67	5	220	48	—	—
June	22·8	18·8	26·8	14·8	34·0	12·2	79	75	33	52	4	248	54	—	—
July	25·5	21·5	29·1	18·4	33·0	13·8	78	71	21	91	1	294	63	—	—
August	25·8	21·7	29·0	18·5	34·0	14·0	76	72	22	43	2	271	62	—	—
September	23·6	19·6	26·8	15·3	30·6	11·0	77	71	66	69	4	212	56	—	—
October	19·9	15·9	23·6	11·5	26·8	7·0	73	71	113	97	7	176	51	—	—
November	16·1	12·2	19·6	8·5	22·3	5·0	72	72	123	111	7	139	48	—	—
December	13·6	9·6	17·4	4·7	19·9	0·8	71	72	99	101	6	122	44	—	—
Year	18·4	14·4	30·1*	2·3*	34·0	−1·3	74	72	796	111	58	2331	52	—	—
No. of years	30	30	30	30	30	30	13	13	30	18	18	23	23	—	—

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*Average of highest/lowest each year

NETHERLANDS

De Bilt 52°06′N 5°11′E 3m

Period 1931–60 Bibliography 44	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	4·3	−0·8	10·5	−9·0	13·0	−24·8	90	82	68	24	22	56	22	7·8	14
February	5·3	−0·8	11·7	−8·3	17·3	−21·6	90	76	53	54	19	69	25	9·6	10
March	9·5	1·2	17·5	−5·2	21·4	−11·7	86	65	44	30	16	127	35	11·7	6
April	13·4	4·3	21·0	−1·4	26·0	−4·3	79	61	49	27	16	163	39	13·5	3
May	17·8	7·6	26·3	0·9	32·3	−2·6	75	59	52	46	14	211	43	15·1	2
June	20·9	10·6	29·2	4·2	36·8	0·7	75	59	58	47	14	222	44	15·7	1
July	22·1	12·7	29·9	7·4	34·0	4·4	79	64	77	66	17	198	39	15·1	2
August	21·9	12·5	28·9	7·0	34·7	3·8	82	65	87	51	18	185	41	14·1	1
September	19·2	10·2	26·0	4·0	34·2	−0·2	86	67	72	42	19	145	38	12·3	2
October	14·1	6·6	19·5	−0·5	25·7	−7·8	90	72	72	56	20	101	31	10·5	6
November	8·9	3·3	14·2	−3·1	17·7	−7·8	92	81	70	39	21	50	19	8·7	12
December	5·4	0·6	11·5	−7·2	14·2	−15·3	91	85	64	42	21	41	17	7·1	15
Year	13·6	5·7	31·8*	−11·5*	36·8	−24·8	85	70	766	66	217	1568	33	15·7	74
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30

Den Helder 52°58′N 4°45′E 4m

Period 1931–60 Bibliography 44	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	4·5	0·7	9·1	−5·7	12·4	−14·1	87	84	65	27	21	54	21	8·0	13
February	4·3	0·4	9·2	−5·8	14·6	−18·5	86	81	46	35	18	75	27	9·7	9
March	6·9	2·2	13·8	−3·5	18·4	−14·5	86	78	39	19	17	126	34	11·6	6
April	10·2	5·4	16·7	1·0	23·6	−3·2	82	75	40	25	15	179	43	13·8	3
May	14·2	8·7	22·1	3·7	27·9	−2·1	79	73	37	25	13	227	46	15·6	2
June	17·5	12·0	24·9	7·5	30·7	4·8	78	73	37	26	12	235	47	15·8	2
July	19·5	14·3	26·6	10·1	31·1	6·8	80	74	64	80	15	214	42	15·6	2
August	19·9	14·5	25·5	10·1	32·8	8·4	80	73	71	31	15	204	45	14·3	1
September	17·9	12·8	23·7	7·8	32·6	3·0	80	73	74	34	18	149	39	12·3	2
October	13·6	8·9	17·9	2·8	21·8	−4·6	84	76	89	39	20	101	31	10·9	6
November	9·1	5·1	13·3	−0·9	17·3	−4·1	87	82	79	33	21	48	18	8·4	11
December	6·2	2·4	10·5	−4·1	13·0	−12·3	88	85	65	83	22	39	17	7·1	14
Year	12·0	7·3	28·3*	−8·3*	32·8	−18·5	83	77	706	83	207	1651	34	15·8	71
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30

Eelde 53°08′N 6°35′E 4m

Period 1946–60 Bibliography 44	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	3·7	−1·0	9·8	−9·0	12·2	−15·7	91	85	69	22	21	51	20	7·7	15
February	3·8	−1·6	10·9	−9·8	16·0	−22·9	90	81	50	24	19	66	24	9·7	11
March	7·8	0·5	16·4	−5·8	20·2	−14·4	89	73	44	24	17	107	29	11·6	7
April	12·5	3·3	20·5	−2·3	24·4	−3·9	81	63	45	25	16	176	42	13·6	3
May	16·7	6·8	24·4	−0·2	29·7	−3·3	77	62	53	31	15	212	43	15·4	2
June	19·6	9·8	27·9	4·1	33·3	1·5	77	64	58	32	15	204	40	15·7	2
July	21·0	11·9	28·1	6·5	33·2	3·7	81	67	86	45	18	181	36	15·4	4
August	20·9	11·7	27·2	6·2	31·5	3·6	85	67	95	56	19	166	36	13·4	2
September	18·6	9·8	25·6	3·9	31·8	0·8	88	69	75	53	18	141	37	12·1	3
October	13·7	6·0	19·1	−0·4	24·5	−3·7	91	74	57	22	20	81	25	9·8	10
November	8·4	2·8	13·0	−3·7	15·5	−7·6	93	84	71	30	22	52	20	8·3	13
December	5·4	0·6	11·0	−6·7	13·4	−14·6	93	89	64	51	22	29	12	7·4	17
Year	12·7	5·1	30·4*	−12·9*	33·3	−22·9	86	73	767	56	222	1465	30	15·7	89
No. of years	15	15	15	15	15	15	15	15	15	15	15	9	9	9	9

*Average of highest/lowest each year

NETHERLANDS

Gemert 51°33′N 5°41′E 16 m

Period 1931–60 Bibliography 44	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·4	−0·8	10·8	−8·5	15·6	−22·6	88	81	63	21	19	—	—	—	—
February	5·4	−0·7	11·5	−8·0	17·4	−18·2	87	76	53	42	16	—	—	—	—
March	10·1	1·6	18·3	−4·5	23·1	−8·8	84	65	42	35	15	—	—	—	—
April	14·1	4·3	22·6	−1·4	29·2	−4·2	78	59	43	34	15	—	—	—	—
May	18·7	7·6	27·9	1·0	34·3	−2·9	75	58	54	39	14	—	—	—	—
June	21·7	10·7	30·8	4·5	37·2	0·8	76	59	57	36	14	—	—	—	—
July	23·1	12·7	31·8	7·7	34·9	5·4	80	62	70	53	15	—	—	—	—
August	22·8	12·6	31·3	7·0	36·9	3·8	82	62	72	35	16	—	—	—	—
September	19·9	10·2	27·6	3·2	34·3	−1·2	86	67	62	37	16	—	—	—	—
October	14·4	6·4	21·1	−1·8	24·6	−8·4	89	72	56	41	18	—	—	—	—
November	8·9	3·2	14·9	−2·9	19·7	−6·6	90	81	63	63	19	—	—	—	—
December	5·4	0·6	11·7	−8·3	15·1	−17·2	89	84	58	34	19	—	—	—	—
Year	14·1	5·7	33·5*	−11·5*	37·2	−22·6	84	69	693	63	196	—	—	—	—
No. of years	30	30	30	30	30	30	30	30	30	22	30	—	—	—	—

Hoorn 53°24′N 5°20′E 2 m

Period 1947–60 Bibliography 44	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·7	0·8	8·9	−4·6	9·8	−8·8	88	85	67	—	23	—	—	—	—
February	4·2	−0·2	9·2	−4·1	10·1	−7·6	89	84	50	—	19	—	—	—	—
March	6·9	1·6	12·8	−3·2	15·8	−5·6	87	79	41	—	16	—	—	—	—
April	10·2	4·6	18·6	0·7	21·7	−0·4	81	74	25	—	14	—	—	—	—
May	14·1	7·9	21·2	3·3	24·1	0·9	80	72	39	—	13	—	—	—	—
June	17·6	11·3	26·2	6·8	31·1	4·6	78	70	43	—	13	—	—	—	—
July	19·5	13·4	26·6	8·5	30·5	7·6	80	72	73	—	17	—	—	—	—
August	19·8	13·7	25·2	9·1	30·0	7·3	81	72	90	—	17	—	—	—	—
September	17·8	12·1	23·7	7·7	29·4	5·3	81	73	67	—	18	—	—	—	—
October	13·5	8·3	17·5	1·4	19·9	−1·2	86	78	95	—	22	—	—	—	—
November	8·9	4·7	12·2	−0·2	13·7	−3·4	89	84	66	—	21	—	—	—	—
December	6·3	2·4	9·8	−3·5	11·0	−7·0	90	88	71	—	24	—	—	—	—
Year	12·0	6·7	28·7*	−5·7*	31·1	−8·8	84	78	727	—	217	—	—	—	—
No. of years	14	14	6	6	6	6	14	14	14	—	14	—	—	—	—

Urk 52°39′N 5°36′E 2 m

Period 1945–60 Bibliography 44	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	3·3	−0·5	7·3	−7·5	10·1	−14·9	89	87	63	19	22	—	—	—	—
February	3·5	−0·8	8·1	−4·9	11·0	−13·6	88	85	52	33	18	—	—	—	—
March	7·5	1·7	15·8	−4·9	22·4	−15·1	87	77	42	21	17	—	—	—	—
April	11·9	5·2	21·3	0·5	24·1	−0·8	79	68	42	22	14	—	—	—	—
May	16·4	8·5	25·8	2·6	30·2	0·9	76	65	51	25	14	—	—	—	—
June	19·2	12·0	28·1	7·1	34·1	4·3	76	67	49	20	13	—	—	—	—
July	20·6	14·2	29·7	9·6	33·1	7·4	80	71	87	40	17	—	—	—	—
August	20·3	14·1	26·5	9·2	31·1	8·1	82	72	97	25	17	—	—	—	—
September	18·2	12·2	24·3	6·7	30·6	4·0	83	73	76	39	17	—	—	—	—
October	13·4	8·1	18·1	−1·3	21·1	−3·8	87	78	59	24	21	—	—	—	—
November	8·1	4·3	12·2	−2·0	15·0	−5·1	89	86	69	25	22	—	—	—	—
December	5·2	1·5	8·8	−6·7	10·6	−13·7	91	89	60	19	23	—	—	—	—
Year	12·3	6·7	30·3*	−10·7*	34·1	−14·9	84	77	747	40	215	—	—	—	—
No. of years	16	16	8	8	8	8	16	16	16	8	16	—	—	—	—

*Average of highest/lowest each year

NETHERLANDS

Vlissingen (Flushing) 51° 28′N 3° 35′E 1 m

Period 1931–60 Bibliography 44	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	5·0	1·0	10·2	−5·0	12·5	−14·5	89	82	62	29	20	53	20	7·9	13
February	5·1	0·6	10·6	−5·7	16·7	−19·6	87	80	45	18	17	69	25	9·8	10
March	8·5	2·5	15·3	−2·5	20·4	−5·9	87	72	40	33	16	130	35	11·2	6
April	11·9	5·4	19·4	0·9	26·3	−2·1	81	67	41	23	15	166	40	13·5	3
May	15·9	8·7	24·1	3·6	29·7	1·3	78	65	42	41	13	211	44	15·4	2
June	19·0	12·0	26·8	7·5	32·8	4·3	78	66	50	35	12	224	45	15·5	1
July	20·6	14·1	27·6	10·0	34·0	6·3	81	68	71	54	15	204	41	15·2	1
August	20·9	14·4	27·5	10·5	33·4	7·0	82	68	65	34	15	195	43	14·5	1
September	18·7	12·6	25·0	7·9	33·0	4·5	84	69	73	56	16	147	39	12·4	3
October	14·1	8·9	19·1	2·8	26·0	−2·8	87	74	70	31	19	101	31	10·8	6
November	9·4	5·2	13·9	−0·3	17·2	−4·9	89	82	72	57	20	51	19	8·9	11
December	6·3	2·4	11·4	−4·0	14·5	−13·5	89	85	58	39	20	37	15	7·2	15
Year	13·0	7·3	29·8*	−8·3*	34·0	−19·6	84	73	689	57	198	1588	33	15·5	72
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30

Winterswijk 51° 58′N 6° 43′E 33 m

Period 1931–60 Bibliography 44	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
			degrees Celsius				*per cent*		*millimetres*		*hours*			*hours*	
January	3·8	−1·3	10·6	−9·8	13·8	−27·4	89	80	65	33	20	—	—	—	—
February	4·8	−1·1	11·6	−9·9	17·3	−24·5	88	75	57	57	17	—	—	—	—
March	9·4	1·1	17·7	−5·6	21·6	−12·8	84	63	46	23	15	—	—	—	—
April	13·6	3·9	21·3	−2·1	27·7	−5·7	78	58	51	53	15	—	—	—	—
May	18·2	7·2	26·7	−0·1	32·6	−4·4	74	56	49	44	14	—	—	—	—
June	21·2	10·3	29·4	3·5	35·0	1·5	75	58	62	36	14	—	—	—	—
July	22·5	12·5	30·4	7·0	36·2	3·2	80	62	87	40	17	—	—	—	—
August	22·3	12·3	30·1	6·4	37·6	3·5	83	62	81	68	17	—	—	—	—
September	19·3	9·9	26·7	3·0	32·1	−2·5	86	65	69	34	16	—	—	—	—
October	13·9	6·2	20·0	−1·4	25·4	−8·5	89	71	64	36	19	—	—	—	—
November	8·5	3·1	14·4	−3·6	19·9	−7·6	91	80	62	37	19	—	—	—	—
December	5·0	0·3	11·5	−8·1	16·4	−17·8	90	84	62	47	20	—	—	—	—
Year	13·5	5·4	32·4*	−13·4*	37·6	−27·4	84	68	755	68	203	—	—	—	—
No. of years	30	30	30	30	30	30	30	30	30	30	30	—	—	—	—

Zuid-Limburg 50° 55′N 5° 46′E 115 m

Period 1946–60 Bibliography 44	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	4·5	−0·3	12·1	−7·7	15·9	−15·7	87	79	63	31	20	44	17	8·1	17
February	5·0	−0·7	12·7	−8·3	19·1	−18·5	87	76	56	29	18	65	23	9·4	10
March	9·7	2·1	18·7	−4·2	21·4	−9·0	84	65	46	23	16	109	30	10·1	6
April	14·0	4·4	22·8	−1·3	28·4	−3·7	79	57	48	28	13	164	40	13·4	3
May	18·1	8·0	25·9	1·3	31·0	−0·9	77	57	64	47	15	202	42	15·4	2
June	20·7	11·0	29·1	5·4	37·3	3·7	77	59	66	27	15	201	41	15·6	2
July	22·4	12·9	30·6	8·4	36·0	6·2	80	62	85	47	16	181	36	15·0	2
August	21·9	12·8	29·4	8·2	34·1	5·7	82	61	90	54	17	176	39	14·1	2
September	19·4	10·8	27·3	5·3	33·1	2·8	85	64	73	50	16	145	38	12·2	4
October	14·2	6·8	21·5	−0·4	24·1	−4·6	88	70	49	18	17	103	31	10·3	6
November	8·8	3·7	15·3	−3·2	20·4	−6·1	88	77	62	35	19	53	20	8·6	13
December	5·8	1·3	12·1	−6·0	16·7	−16·7	88	82	61	30	20	38	15	7·3	17
Year	13·7	6·1	32·1*	−11·1*	37·3	−18·5	83	67	763	54	202	1481	31	15·6	84
No. of years	15	15	15	15	15	15	15	15	15	15	15	10	10	10	10

*Average of highest/lowest each year

NORWAY

Alvdal 62° 01′N 10° 48′E 485 m

Period 1935–60 Bibliography 45	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−6·3	−16·9	3·7	−33·0	9·4	−41·9	87	85	24	12	16	—	—	—	—
February	−6·0	−15·4	3·9	−29·7	10·0	−40·2	86	76	17	11	12	—	—	—	—
March	1·2	−10·7	8·0	−24·7	14·4	−34·6	87	64	16	18	12	—	—	—	—
April	5·6	−3·9	12·1	−15·4	17·8	−26·8	82	59	22	28	12	—	—	—	—
May	11·7	0·4	20·1	−6·8	25·8	−10·7	76	53	32	32	11	—	—	—	—
June	16·5	5·1	24·4	−1·9	29·2	−4·7	77	57	79	44	16	—	—	—	—
July	19·3	7·8	26·1	0·4	31·4	−1·8	80	58	88	64	17	—	—	—	—
August	17·6	6·8	24·3	−0·5	30·2	−3·0	87	61	81	44	16	—	—	—	—
September	13·0	3·0	18·8	−4·4	26·2	−8·6	91	67	59	48	14	—	—	—	—
October	5·5	−1·8	13·0	−11·1	16·6	−23·4	91	75	41	20	13	—	—	—	—
November	−0·5	−6·7	6·5	−20·1	12·0	−28·9	90	85	37	32	16	—	—	—	—
December	−5·1	−12·0	3·5	−28·1	9·5	−34·0	89	88	33	20	16	—	—	—	—
Year	6·0	−3·7	27·0*	−34·8*	31·4	−41·9	85	69	530	64	171	—	—	—	—
No. of years	6	26	26	26	26	26	20	20	26	26	26	—	—	—	—

Bergen 60° 24′N 5° 19′E 43 m

Period 1951–60 Bibliography 45, 47	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	3·1	−0·5	8·6	−6·8	13·3	−13·5	80	77	143	60	20	21	21	3·9	19
February	3·3	−0·9	8·2	−6·7	11·2	−10·9	80	74	142	54	17	63	34	8·1	13
March	6·1	0·4	12·0	−4·6	19·8	−10·0	79	67	109	66	16	91	30	10·7	11
April	9·2	3·0	15·4	−1·6	22·1	−5·6	80	68	139	49	19	156	40	13·6	6
May	14·2	6·7	21·7	1·8	27·1	−2·0	78	64	83	44	15	182	38	15·8	4
June	15·9	9·6	24·1	5·3	31·8	0·6	83	71	126	67	17	182	37	16·0	4
July	18·8	12·2	26·2	8·3	30·5	5·2	86	73	142	79	20	179	36	15·9	5
August	18·6	12·0	25·1	8·0	29·7	4·2	87	73	168	55	20	186	42	14·9	4
September	15·2	9·5	20·8	4·6	26·0	1·3	87	74	228	61	21	98	30	12·0	8
October	11·1	6·1	16·1	0·6	19·5	−3·4	85	76	235	91	23	55	22	8·6	14
November	7·5	3·4	12·3	−1·9	15·4	−5·6	81	77	211	76	21	33	27	5·8	15
December	5·0	1·3	10·2	−4·8	16·4	−8·4	81	79	204	56	22	13	19	2·4	21
Year	10·7	5·4	27·7*	−8·3*	31·8	−13·5	82	73	1930	91	231	1259	31	16·0	124
No. of years	24	30	30	30	30	30	30	30	30	30	30	5	5	5	5

Bjørnøya (Bear Island) 74° 28′N 19° 17′E 29 m Svalbard

Period 1931–41 1947–60 Bibliography 45	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−3·9	−8·6	2·9	−17·4	5·3	−28·7	87	87	39	23	21	—	—	—	—
February	−3·5	−9·6	2·4	−20·1	5·0	−29·0	87	87	29	14	18	—	—	—	—
March	−3·8	−10·2	2·7	−20·6	6·2	−25·8	88	88	33	32	20	—	—	—	—
April	−2·4	−7·9	3·2	−17·3	5·7	−25·6	87	86	22	18	17	—	—	—	—
May	0·9	−2·8	5·8	−8·9	16·5	−17·8	86	85	23	41	15	—	—	—	—
June	4·2	0·5	9·7	−3·2	23·6	−6·9	90	89	23	19	14	—	—	—	—
July	6·7	2·6	12·4	−0·4	21·6	−3·2	93	90	24	21	13	—	—	—	—
August	7·0	3·3	12·2	0·2	19·6	−1·6	92	89	37	23	17	—	—	—	—
September	4·7	1·5	8·9	−1·9	13·9	−6·3	91	89	48	25	21	—	—	—	—
October	2·2	−1·3	6·6	−7·4	10·0	−13·1	87	87	42	20	22	—	—	—	—
November	0·1	−3·9	4·3	−11·3	6·0	−21·0	87	87	36	20	20	—	—	—	—
December	−1·9	−6·7	3·4	−14·8	6·4	−23·5	88	89	37	20	21	—	—	—	—
Year	0·6	−3·6	14·5*	−23·1*	23·6	−29·0	89	88	393	41	219	—	—	—	—
No. of years	18	25	25	25	25	25	25	25	25	25	25	—	—	—	—

*Average of highest/lowest each year

NORWAY

Bodø 67°17′N 14°28′E 33 m

Period 1931–60 Bibliography 45, 46	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·0	−4·4	6·3	−11·8	9·0	−17·8	76	76	92	50	17	9	27	—	—
February	0·3	−4·8	5·4	−11·2	8·6	−16·2	76	75	79	36	16	57	30	—	—
March	2·0	−3·5	6·5	−10·7	11·5	−15·6	77	73	87	44	17	117	36	—	—
April	5·0	−0·4	10·3	−6·9	14·9	−10·8	76	69	65	55	16	170	40	—	—
May	8·9	3·4	15·9	−1·9	22·9	−5·2	75	69	52	27	15	199	35	—	—
June	12·7	7·1	22·2	2·1	28·0	−0·9	79	74	73	33	17	234	38	—	—
July	16·2	10·5	25·2	5·8	28·8	2·1	80	74	63	41	15	213	35	—	—
August	15·7	10·0	22·6	4·9	27·8	0·8	84	76	98	59	18	156	32	—	—
September	12·1	6·8	17·7	1·0	22·5	− 2·2	83	75	119	48	19	123	35	—	—
October	7·4	2·9	12·5	−3·0	19·3	−11·0	79	75	141	74	21	62	24	—	—
November	3·8	−1·4	8·5	−6·5	11·5	−11·7	76	75	101	36	16	22	23	—	—
December	1·9	−2·2	7·4	−9·3	10·8	−15·6	76	75	93	54	17	0	—	—	—
Year	7·2	2·0	25·9*	−13·2*	28·8	−17·8	78	74	1063	74	204	1362	34	—	—
No. of years	13	30	30	30	30	30	30	30	30	30	30	8	8	—	—

Brønnøysund 65°28′N 12°12′E 4 m

Period 1931–60 Bibliography 45	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·9	−3·0	6·9	−10·0	9·8	−16·5	73	72	97	50	18	—	—	—	—
February	1·1	−3·2	6·3	−9·1	9·0	−17·5	75	72	91	52	17	—	—	—	—
March	3·3	−1·8	8·1	−8·2	14·7	−15·8	76	70	92	69	19	—	—	—	—
April	6·4	1·2	12·4	−4·1	17·9	−8·9	75	68	74	27	19	—	—	—	—
May	10·2	4·6	18·0	−0·1	24·7	−2·2	74	68	62	31	16	—	—	—	—
June	13·6	7·9	23·0	3·1	30·2	1·3	80	74	81	40	19	—	—	—	—
July	17·1	11·2	26·2	7·1	30·1	4·0	81	74	79	34	17	—	—	—	—
August	16·7	11·0	23·6	6·3	28·3	2·3	83	74	99	50	19	—	—	—	—
September	13·2	8·1	19·0	2·7	24·3	0·0	82	73	130	42	21	—	—	—	—
October	8·9	4·4	13·9	−0·9	17·0	−7·1	79	73	151	48	22	—	—	—	—
November	5·1	1·3	9·7	−4·4	12·6	−8·7	76	74	105	33	18	—	—	—	—
December	3·0	−0·9	8·1	−7·6	12·2	−14·4	76	75	106	33	19	—	—	—	—
Year	8·3	3·4	26·9*	−11·8*	30·2	−17·5	77	72	1167	69	224	—	—	—	—
No. of years	23	30	30	30	30	30	30	30	30	25	30	—	—	—	—

Dalen i Telemark 59°27′N 8°00′E 77 m

Period 1931–60 Bibliography 45	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−1·6	−7·5	6·4	−16·2	12·6	−24·6	86	84	60	32	13	—	—	—	—
February	−2·5	−7·6	6·4	−16·0	12·8	−22·8	83	76	45	18	11	—	—	—	—
March	2·6	−4·3	9·3	−12·4	13·7	−20·5	80	65	30	17	8	—	—	—	—
April	8·9	0·3	14·8	−5·7	19·6	−13·6	77	60	40	23	9	—	—	—	—
May	15·7	4·7	22·0	−0·3	27·4	−2·8	74	53	50	35	8	—	—	—	—
June	20·3	8·8	25·8	4·1	31·5	1·3	76	55	71	35	10	—	—	—	—
July	21·3	11·8	26·6	7·2	32·4	4·6	80	60	100	69	13	—	—	—	—
August	19·5	10·9	24·4	6·5	29·4	3·3	84	64	113	63	12	—	—	—	—
September	15·3	7·4	19·2	1·9	22·8	−1·2	88	70	92	47	13	—	—	—	—
October	9·1	2·9	14·5	−2·7	19·0	−8·1	88	77	93	44	13	—	—	—	—
November	2·8	−1·1	9·3	−7·1	13·6	−11·2	90	87	87	38	14	—	—	—	—
December	−0·2	−4·2	6·9	−12·2	12·2	−17·8	88	87	78	43	15	—	—	—	—
Year	9·3	1·8	27·6*	−17·9*	32·4	−24·6	83	70	859	69	139	—	—	—	—
No. of years	4	30	30	30	30	30	30	30	30	24	30	—	—	—	—

*Average of highest/lowest each year

NORWAY

Dombås 62° 04′N 9° 07′E 643 m

Period 1931–60 Bibliography 45	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−6·3	−12·5	5·0	−24·2	9·4	−26·3	84	81	30	33	13	—	—	—	—
February	−4·5	−11·9	4·6	−22·8	9·3	−29·6	84	74	29	23	11	—	—	—	—
March	0·8	−8·6	7·8	−18·9	12·3	−26·5	81	63	18	26	9	—	—	—	—
April	5·3	−3·4	11·4	−12·7	17·5	−20·5	77	59	16	20	9	—	—	—	—
May	11·5	1·3	19·2	−5·5	25·0	−12·3	72	53	20	23	7	—	—	—	—
June	15·3	5·4	23·3	−0·6	28·9	−4·0	75	55	44	26	11	—	—	—	—
July	18·1	8·5	25·4	2·3	30·0	−0·3	80	59	69	41	15	—	—	—	—
August	16·9	7·3	23·5	1·3	28·4	−1·8	84	59	54	63	14	—	—	—	—
September	11·8	3·5	17·7	−3·0	23·4	−8·8	88	65	36	72	11	—	—	—	—
October	5·4	−1·2	12·3	−9·6	16·4	−19·5	86	73	30	21	11	—	—	—	—
November	−0·4	−6·0	6·7	−15·2	11·2	−21·9	87	82	30	22	13	—	—	—	—
December	−3·5	−9·4	5·4	−20·8	8·7	−26·6	86	84	33	32	13	—	—	—	—
Year	5·9	−2·3	26·2•	−26·1•	30·0	−36·3	82	67	409	72	137	—	—	—	—
No. of years	24	30	30	30	30	30	30	30	30	25	30	—	—	—	—

Fannaråken 61° 31′N 7° 54′E 2064 m

Period 1934–60 Bibliography 45	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−10·1	−14·7	−3·1	−22·4	1·9	−32·1	89	88	103	38	22	—	—	—	—
February	−9·7	−14·8	−4·3	−21·0	0·2	−27·3	89	87	110	41	20	—	—	—	—
March	−7·8	−13·1	−1·2	−19·9	2·1	−23·8	86	85	88	39	20	—	—	—	—
April	−5·1	−10·7	0·8	−17·7	6·0	−21·4	91	90	103	103	21	—	—	—	—
May	−0·8	−6·1	6·2	−13·6	12·5	−21·3	87	87	60	32	17	—	—	—	—
June	2·1	−2·5	9·9	−9·0	18·5	−12·2	89	87	74	26	19	—	—	—	—
July	5·5	0·6	12·3	−5·0	16·7	−8·3	91	87	111	47	21	—	—	—	—
August	4·6	0·1	11·0	−5·4	16·6	−8·0	92	88	128	58	20	—	—	—	—
September	1·0	−3·3	6·7	−9·1	12·2	−13·1	91	89	119	56	21	—	—	—	—
October	−2·7	−7·0	3·8	−13·0	11·5	−20·2	89	87	97	39	21	—	—	—	—
November	−5·9	−10·2	−0·6	−16·1	4·3	−18·9	91	91	100	42	23	—	—	—	—
December	−8·3	−12·6	−2·3	−19·7	2·5	−25·6	91	90	111	36	24	—	—	—	—
Year	−3·1	−7·0	13·5•	−23·9•	18·5	−32·1	90	88	1240	103	249	—	—	—	—
No. of years	22	27	27	27	27	27	18	18	27	24	27	—	—	—	—

Geilo 60° 32′N 8° 13′E 795 m

Period 1942–60 Bibliography 45	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−4·9	−12·7	3·9	−26·0	8·0	−32·3	82	77	43	19	15	—	—	—	—
February	−5·7	−13·0	3·4	−24·7	7·5	−35·3	82	73	33	20	12	—	—	—	—
March	−0·7	−9·5	6·0	−21·0	11·1	−29·4	84	66	23	18	10	—	—	—	—
April	2·9	−4·0	8·5	−13·7	12·4	−19·8	79	65	24	25	10	—	—	—	—
May	9·6	0·3	16·4	−6·4	22·0	−11·2	75	57	40	35	10	—	—	—	—
June	14·8	4·0	21·5	−1·1	29·0	−5·0	76	54	62	33	13	—	—	—	—
July	17·5	6·4	24·0	0·9	28·8	−2·5	85	60	71	34	15	—	—	—	—
August	16·0	5·7	22·2	0·2	27·8	−5·7	90	63	80	40	16	—	—	—	—
September	12·1	2·7	16·9	−3·7	25·2	−7·9	90	63	65	30	16	—	—	—	—
October	6·1	−0·9	11·9	−9·8	18·0	−19·7	87	72	60	23	15	—	—	—	—
November	1·2	−6·1	5·9	−15·6	9·0	−22·0	86	80	51	17	14	—	—	—	—
December	−3·0	−9·1	4·6	−21·2	7·4	−29·3	86	85	46	27	16	—	—	—	—
Year	5·5	−3·0	24·6•	−28·2•	29·0	−35·3	83	68	598	40	162	—	—	—	—
No. of years	8	19	19	19	19	19	9	9	19	19	19	—	—	—	—

•Average of highest/lowest each year

NORWAY

Jan Mayen 70° 59′N 8° 20′W 23 m

Period 1931–60 Bibliography 45	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−1·4	−6·3	3·7	−14·5	6·6	−26·6	84	83	66	60	22	—	—	—	—
February	−2·2	−7·8	3·1	−15·6	6·8	−27·9	83	83	47	30	20	—	—	—	—
March	−1·8	−7·4	2·9	−15·8	4·8	−24·8	84	83	48	36	21	—	—	—	—
April	−0·7	−5·8	4·0	−12·9	7·0	−21·4	83	81	44	40	19	—	—	—	—
May	1·9	−2·3	6·1	−7·7	9·4	−11·6	86	84	25	51	15	—	—	—	—
June	4·8	0·6	9·7	−2·5	18·1	−4·7	89	87	27	19	14	—	—	—	—
July	7·3	3·5	11·6	0·3	16·2	−1·6	92	89	36	87	16	—	—	—	—
August	7·7	3·9	11·5	0·6	15·7	−2·3	91	87	54	35	18	—	—	—	—
September	5·9	2·1	9·9	−2·1	13·4	−5·0	87	85	74	50	19	—	—	—	—
October	3·7	−1·3	8·0	−7·0	11·6	−13·4	84	83	75	47	21	—	—	—	—
November	1·7	−3·5	5·7	−10·0	10·0	−15·2	84	85	67	32	21	—	—	—	—
December	−0·2	−5·4	4·3	−13·1	6·8	−22·5	84	84	65	32	22	—	—	—	—
Year	2·2	−2·5	13·0*	−18·2*	18·1	−27·9	86	84	628	87	228	—	—	—	—
No. of years	14	30	30	30	30	30	30	30	30	30	30	—	—	—	—

Karasjok 69° 28′N 25° 31′E 135 m

Period 1931–60 Bibliography 45, 46	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−9·5	−21·5	1·8	−37·9	6·6	−44·8	85	85	17	10	11	<1	25	—	—
February	−10·4	−21·6	0·3	−37·6	7·0	−42·9	85	83	14	11	11	38	25	—	—
March	−3·5	−17·0	4·0	−34·2	8·0	−40·8	83	73	13	7	11	117	37	—	—
April	1·5	−9·1	8·1	−25·8	11·8	−33·6	78	67	15	15	9	180	44	—	—
May	7·2	−0·8	15·7	−8·5	25·0	−17·7	71	60	21	14	10	153	29	—	—
June	14·1	5·1	24·7	−0·9	31·1	−3·9	67	56	45	20	13	172	29	—	—
July	18·0	8·0	27·0	1·4	31·0	−1·5	73	58	56	30	13	183	32	—	—
August	15·6	6·0	23·2	−1·7	29·5	−9·3	81	63	55	34	16	119	25	—	—
September	9·2	1·6	17·1	−6·1	24·9	−11·0	87	69	41	24	15	69	19	—	—
October	1·6	−5·2	8·6	−18·4	13·2	−30·4	89	81	23	17	13	52	22	—	—
November	−4·5	−12·1	3·8	−28·7	7·0	−40·9	87	87	21	9	11	7	20	—	—
December	−9·4	−17·8	2·5	−35·1	5·5	−47·2	86	86	19	10	12	0	—	—	—
Year	2·5	−7·0	27·8*	−41·0*	31·1	−47·2	81	72	340	34	145	1090	30	—	—
No. of years	10	30	30	30	30	30	26	26	30	24	30	10	10	—	—

Kråkenes 62° 02′N 4° 59′E 39 m

Period 1931–60 Bibliography 45	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·0	0·9	8·9	−4·3	12·0	−11·8	80	80	102	45	21	—	—	—	—
February	3·6	0·4	7·7	−4·0	10·8	−9·8	82	81	80	25	19	—	—	—	—
March	4·9	1·4	9·6	−3·1	15·1	−6·0	79	79	70	26	17	—	—	—	—
April	6·9	3·2	12·0	−0·9	15·9	−2·8	82	81	77	34	19	—	—	—	—
May	10·2	6·3	17·0	1·6	22·4	−1·1	82	82	51	34	14	—	—	—	—
June	12·4	8·9	19·1	5·4	26·7	2·2	86	86	70	30	16	—	—	—	—
July	15·1	11·7	20·8	8·6	24·8	6·1	88	87	88	48	18	—	—	—	—
August	15·5	12·2	21·4	8·9	27·7	6·1	85	84	92	45	18	—	—	—	—
September	13·6	10·2	18·9	6·1	24·4	2·9	84	83	130	52	21	—	—	—	—
October	10·4	7·1	15·1	2·9	19·4	−1·9	84	83	148	53	22	—	—	—	—
November	7·9	4·6	12·0	0·4	15·6	−2·4	82	82	126	49	21	—	—	—	—
December	5·7	2·6	10·1	−2·6	15·2	−7·1	82	82	126	60	21	—	—	—	—
Year	9·2	5·8	23·3*	−5·7*	27·7	−11·8	83	83	1160	60	227	—	—	—	—
No. of years	24	30	30	30	30	30	29	29	30	24	30	—	—	—	—

*Average of highest/lowest each year

NORWAY

Kristiansand 58°10′N 7°59′E 23 m

Period 1935–60 Bibliography 45	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						per cent		millimetres			hours		hours	
January	0·9	−4·7	8·0	−15·2	11·5	−25·5	84	80	128	63	19	—	—	—	—
February	1·8	−4·7	7·9	−13·6	12·1	−20·8	83	75	100	76	16	—	—	—	—
March	4·9	−2·4	11·7	−10·1	18·3	−21·6	82	68	62	37	12	—	—	—	—
April	10·0	1·5	16·3	−4·9	21·5	−15·0	78	65	73	41	13	—	—	—	—
May	15·4	5·6	22·7	−0·3	27·7	−3·7	72	60	58	42	10	—	—	—	—
June	18·9	9·2	26·0	3·5	30·2	1·3	73	62	75	45	12	—	—	—	—
July	21·1	11·8	26·6	7·0	32·1	4·2	77	64	104	73	14	—	—	—	—
August	19·7	11·4	25·4	6·5	31·4	2·7	83	68	143	89	15	—	—	—	—
September	16·2	8·4	20·5	2·1	24·2	−1·8	87	70	156	74	18	—	—	—	—
October	11·4	4·6	16·3	−1·6	21·0	−5·0	87	74	153	72	18	—	—	—	—
November	6·4	1·4	11·5	−5·2	13·8	−10·6	86	80	176	76	20	—	—	—	—
December	3·9	−1·5	9·2	−10·4	13·1	−17·4	86	83	173	56	21	—	—	—	—
Year	10·9	3·4	28·0*	−16·3*	32·1	−25·5	81	68	1401	89	188	—	—	—	—
No. of years	21	26	26	26	26	26	21	21	26	24	26	—	—	—	—

Kristiansund 63°07′N 7°45′E 39 m

Period 1932–39 1947–60 Bibliography 45	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						per cent		millimetres			hours		hours	
January	3·1	−0·5	9·6	−7·5	12·2	−20·2	77	77	107	55	18	—	—	—	—
February	2·3	−1·0	8·3	−7·2	11·2	−14·0	78	74	91	47	16	—	—	—	—
March	5·8	0·2	10·5	−6·0	13·6	−12·5	79	71	77	58	16	—	—	—	—
April	7·8	2·4	13·6	−2·3	17·6	−4·5	81	71	75	30	18	—	—	—	—
May	11·2	5·5	18·7	0·5	24·2	−2·6	81	71	57	26	15	—	—	—	—
June	14·2	8·6	22·2	4·2	28·7	1·5	84	76	71	45	17	—	—	—	—
July	16·8	11·5	24·4	7·5	29·2	5·3	87	77	89	47	18	—	—	—	—
August	16·6	11·7	24·2	7·9	30·4	4·2	87	76	93	31	16	—	—	—	—
September	14·3	9·2	20·0	4·3	25·8	−3·0	86	75	134	79	21	—	—	—	—
October	10·2	5·5	15·7	0·4	19·4	−10·8	83	77	149	63	20	—	—	—	—
November	7·7	3·0	11·7	−2·2	15·2	−9·5	79	77	105	42	18	—	—	—	—
December	4·6	0·9	10·2	−5·4	15·9	−12·5	78	77	103	35	17	—	—	—	—
Year	9·5	4·8	26·4*	−10·0*	30·4	−20·2	82	75	1151	79	210	—	—	—	—
No. of years	8	22	22	22	22	22	18	18	22	17	22	—	—	—	—

Lærdal 61°06′N 7°29′E 3 m

Period 1931–44 1948–60 Bibliography 45	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						per cent		millimetres			hours		hours	
January	0·3	−4·5	9·3	−12·9	14·4	−21·8	69	67	39	37	12	—	—	—	—
February	−0·8	−4·6	7·4	−12·7	14·0	−17·7	69	64	35	24	9	—	—	—	—
March	4·7	−2·0	9·0	−8·5	13·1	−14·5	67	57	18	15	8	—	—	—	—
April	9·4	2·3	14·3	−3·7	16·7	−8·8	66	52	22	14	10	—	—	—	—
May	15·1	6·6	20·6	1·0	25·0	−2·5	69	52	22	16	10	—	—	—	—
June	18·4	9·5	23·9	4·5	28·9	1·4	75	57	34	35	13	—	—	—	—
July	21·0	12·4	26·5	7·0	32·2	4·6	80	62	55	31	16	—	—	—	—
August	19·3	11·4	24·4	6·4	28·2	2·8	83	65	52	36	16	—	—	—	—
September	15·1	7·5	19·1	1·9	24·5	−1·7	85	70	54	30	18	—	—	—	—
October	9·2	3·6	15·6	−3·3	20·5	−9·2	79	71	61	29	16	—	—	—	—
November	5·8	0·4	11·5	−5·9	14·6	−10·0	74	72	40	52	13	—	—	—	—
December	2·9	−2·2	9·9	−10·3	14·2	−14·6	72	71	51	54	14	—	—	—	—
Year	10·0	3·4	27·2*	−14·4*	32·2	−21·8	74	63	483	54	155	—	—	—	—
No. of years	8	27	27	27	27	27	27	27	27	20	27	—	—	—	—

*Average of highest/lowest each year

NORWAY

Lillehammer 61°06′N 10°29′E 226 m

Period 1931–60 Bibliography 45	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−6·0	−12·1	3·7	−23·0	10·6	−29·9	88	86	44	20	15	—	—	—	—
February	−6·0	−11·4	4·4	−21·1	10·6	−30·3	86	78	31	16	13	—	—	—	—
March	1·4	−7·7	8·3	−17·6	13·0	−32·9	84	66	25	17	10	—	—	—	—
April	7·3	−1·8	14·0	−9·8	18·2	−16·2	80	60	39	24	11	—	—	—	—
May	14·8	3·1	21·6	−3·1	27·8	−7·1	73	53	42	49	10	—	—	—	—
June	19·6	7·8	25·8	1·3	31·5	−2·1	74	56	77	61	15	—	—	—	—
July	21·0	10·5	26·9	4·3	31·8	1·7	81	61	96	48	18	—	—	—	—
August	19·5	9·1	24·6	2·9	29·0	−1·0	87	64	87	43	17	—	—	—	—
September	14·1	5·0	19·2	−1·7	23·6	−4·4	91	69	70	51	15	—	—	—	—
October	7·1	0·4	13·7	−6·4	17·8	−16·2	89	76	61	29	15	—	—	—	—
November	1·2	−4·0	7·3	−13·2	12·5	−21·0	90	86	61	33	16	—	—	—	—
December	−2·7	−8·2	4·4	−18·6	9·3	−23·8	90	89	58	28	16	—	—	—	—
Year	7·6	−0·8	28·0*	−24·3*	31·8	−32·9	84	70	691	61	171	—	—	—	—
No. of years	8	30	30	30	30	30	30	30	30	24	30	—	—	—	—

Mo i Rana 66°21′N 14°08′E 20 m

Period 1936–60 Bibliography 45	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−3·8	−11·3	5·0	−23·6	7·5	−29·1	84	83	124	78	15	—	—	—	—
February	−3·9	−10·4	4·4	−21·7	9·7	−30·4	83	78	117	109	16	—	—	—	—
March	1·3	−7·5	5·9	−18·8	9·5	−29·0	84	73	133	87	15	—	—	—	—
April	5·1	−2·2	10·6	−12·2	15·0	−18·5	80	65	99	58	14	—	—	—	—
May	10·5	2·1	17·3	−4·1	24·5	−9·2	76	64	65	36	11	—	—	—	—
June	15·2	6·6	24·4	0·4	20·3	−1·7	78	66	84	36	14	—	—	—	—
July	18·3	10·1	26·5	3·9	30·6	−0·1	80	67	71	32	14	—	—	—	—
August	17·2	9·1	23·7	2·7	30·1	−2·0	87	70	93	53	16	—	—	—	—
September	12·1	5·2	18·2	−1·9	23·3	−5·2	90	75	131	58	17	—	—	—	—
October	6·1	0·6	11·6	−7·4	16·2	−17·6	87	79	164	52	19	—	—	—	—
November	1·3	−4·0	7·1	−14·6	11·0	−22·1	83	82	116	51	15	—	—	—	—
December	−1·6	−7·3	6·0	−19·8	8·4	−23·5	84	84	140	59	17	—	—	—	—
Year	6·5	−0·7	27·4*	−25·5*	30·6	−30·4	83	74	1337	109	183	—	—	—	—
No. of years	10	25	25	25	25	25	16	16	25	25	25	—	—	—	—

Narvik 68°25′N 17°23′E 40 m

Period 1936–60 Bibliography 45	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−1·9	−7·0	5·6	−14·3	8·8	−19·9	75	74	55	50	15	—	—	—	—
February	−1·6	−7·0	4·4	−13·6	8·7	−18·8	75	72	47	40	15	—	—	—	—
March	1·3	−5·4	6·0	−12·8	10·5	−17·7	76	68	61	43	17	—	—	—	—
April	5·2	−1·7	9·7	−8·6	16·4	−12·5	70	62	45	30	15	—	—	—	—
May	9·4	2·5	14·9	−2·5	24·0	−6·8	75	65	44	19	17	—	—	—	—
June	13·5	7·1	22·7	2·1	28·6	−0·5	78	69	65	54	17	—	—	—	—
July	18·1	10 7	25·0	6·3	30·0	3·8	81	71	58	26	16	—	—	—	—
August	16·4	9·6	21·8	4·6	27·2	2·2	87	75	84	35	19	—	—	—	—
September	11·5	6·0	16·9	0·3	22·7	−3·2	85	71	97	54	20	—	—	—	—
October	5·9	1·7	11·8	−4·1	15·8	−8·7	78	73	86	83	20	—	—	—	—
November	2·6	−2 0	8·3	−8·2	12·5	−13·3	75	74	59	35	15	—	—	—	—
December	−0·7	−4·6	6·7	−11·9	11·3	−19·0	72	73	57	42	16	—	—	—	—
Year	6·6	0·8	26·1*	−16·0*	30·0	−19·9	77	71	758	83	202	—	—	—	—
No. of years	5	25	25	25	25	25	5	5	25	24	25	—	—	—	—

*Average of highest/lowest each year

NORWAY

Oslo 59°56′N 10°44′E 94 m

Period 1931–60 Bibliography 45	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−2·4	−7·3	5·7	−16·5	10·6	−26·0	86	82	49	33	15	—	—	—	—
February	−1·1	−7·1	6·6	−15·6	13·8	−24·3	84	74	35	21	12	—	—	—	—
March	3·8	−4·1	11·1	−11·8	15·5	−20·1	80	64	26	16	9	—	—	—	—
April	9·8	0·9	17 0	−5·3	21·8	−14·9	75	57	43	29	11	—	—	—	—
May	15·9	5·9	23·7	0·0	28·4	−2·8	68	52	44	43	10	—	—	—	—
June	19·9	10·1	27·1	4·5	33·7	1·7	69	55	70	43	13	—	—	—	—
July	22·3	13·0	28·2	8·0	32·8	3·7	74	59	82	46	15	—	—	—	—
August	20·9	11·9	26·5	6·8	30·9	3·7	79	61	95	52	14	—	—	—	—
September	15·7	7·8	21·0	1·1	25·5	−3·6	85	66	81	37	14	—	—	—	—
October	9·1	3·1	16·0	−3·1	20·1	−7·6	88	72	74	49	14	—	—	—	—
November	3·2	−0·8	9·5	−8·5	12·8	−15·7	88	83	68	32	16	—	—	—	—
December	0·1	−4·1	6·8	−13·6	10·8	−20·6	87	85	63	22	17	—	—	—	—
Year	9·8	2·4	29·6*	−18·1*	33·7	−26·0	80	67	730	52	160	—	—	—	—
No. of years	24	30	30	30	30	30	30	30	30	30	30	—	—	—	—

Røros 62°34′N 11°23′E 628 m

Period 1931–60 Bibliography 45	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−6·7	−16·7	3·1	−34·4	8·8	−47·2	89	88	30	12	18	—	—	—	—
February	−6·5	−15·4	2·5	−32·6	7·6	−42·5	89	83	29	35	15	—	—	—	—
March	−0·6	−12·9	5·3	−28·9	9·0	−41·0	89	76	27	19	13	—	—	—	—
April	3·5	−5·5	9·3	−19·3	14·6	−32·3	87	71	25	17	15	—	—	—	—
May	9·4	−0·2	18·0	−7·3	24·1	−13·9	80	61	24	22	11	—	—	—	—
June	14·7	4·5	22·8	−2·1	29·8	−5·6	80	63	67	34	16	—	—	—	—
July	17·8	7·6	24·9	1·3	29·9	−1·9	82	62	79	38	17	—	—	—	—
August	16·4	6·2	22·7	−0·5	27·6	−4·9	88	63	62	57	17	—	—	—	—
September	11·9	2·5	17·4	−4·5	25·7	−9·4	91	69	47	25	17	—	—	—	—
October	4·7	−2·3	11·5	−12·6	15·1	−28·4	90	80	31	15	16	—	—	—	—
November	−0·3	−7·4	5·0	−20·6	10·4	−30·9	91	88	28	21	16	—	—	—	—
December	−4·8	−12·0	3·4	−29·2	5·9	−43·4	91	89	32	15	17	—	—	—	—
Year	5·0	−4·3	25·9*	−37·7*	29·9	−47·2	87	74	481	57	188	—	—	—	—
No. of years	6	30	30	30	30	30	30	30	30	24	30	—	—	—	—

Skrova 68°09′N 14°39′E 11 m

Period 1931–60 Bibliography 45	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						per cent		millimetres			hours		hours	
January	1·2	−2·2	5·9	−7·7	7·6	−12·7	78	77	81	43	18	—	—	—	—
February	0·4	−2·9	4·8	−7·9	6·8	−10·8	79	78	75	34	17	—	—	—	—
March	2·1	−2·1	5·3	−7·7	8·3	−12·3	80	78	65	27	18	—	—	—	—
April	3·9	0·2	8·5	−4·4	14·8	−8·5	78	74	56	27	16	—	—	—	—
May	8·0	3·7	13·5	−0·3	21·0	−3·0	75	70	43	22	14	—	—	—	—
June	12·3	7·4	19·9	2·7	27·0	−1·2	79	73	53	29	13	—	—	—	—
July	16·3	11·3	23·3	7·3	28·4	3·7	79	72	43	33	12	—	—	—	—
August	15·4	10·9	20·8	7·2	26·9	3·9	82	76	69	30	16	—	—	—	—
September	11·2	7·8	15·7	3·3	22·1	−0·8	81	77	94	40	18	—	—	—	—
October	7·6	4·2	11·4	−0·7	14·4	−4·7	80	78	114	51	21	—	—	—	—
November	4·5	1·4	8·3	−3·3	10·8	−10·7	78	78	106	36	18	—	—	—	—
December	2·6	−0·5	7·0	−6·2	9·0	−11·9	78	78	94	33	19	—	—	—	—
Year	7·1	3·3	24·2*	−9·5*	28·4	−12·7	79	76	893	51	200	—	—	—	—
No. of years	10	30	30	30	30	30	28	28	30	24	30	—	—	—	—

*Average of highest/lowest each year

NORWAY

Spitsbergen (Isfjord Radio) 78° 04′N 13° 38′E 7 m

Svalbard

Period 1931–60 Bibliography 45, 46	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−7·3	−12·8	1·0	−21·4	5·1	−30·9	83	82	26	20	13	0	—	—	—
February	−7·2	−13·7	1·0	−23·3	4·4	−31·0	82	82	25	43	12	3	23	—	—
March	−8·7	−14·7	0·5	−23·4	3·8	−32·5	83	83	24	23	12	77	30	—	—
April	−5·3	−11·6	2·0	−20·8	5·6	−29·9	82	80	15	35	10	229	43	—	—
May	−0·6	−4·7	3·6	−11·0	13·1	−19·1	82	80	20	16	10	254	34	—	—
June	4·1	0·6	8·0	−3·4	12·5	−5·9	85	84	19	15	9	165	23	—	—
July	7·0	3·7	10·9	1·4	15·6	−1·3	89	87	25	26	11	154	21	—	—
August	6·2	3·4	10·2	0·4	13·0	−2·0	88	85	40	26	14	133	19	—	—
September	3·0	−0·2	7·3	−5·3	12·0	−9·0	84	82	36	23	14	74	21	—	—
October	−0·5	−4·9	4·5	−11·8	8·4	−16·2	81	81	39	31	13	13	15	—	—
November	−3·0	−8·2	3·1	−16·6	6·2	−26·9	82	82	37	38	14	0	—	—	—
December	−5·5	−10·4	2·1	−19·8	5·6	−27·0	82	82	31	28	14	0	—	—	—
Year	−1·5	−6·1	11·5*	−26·4*	15·6	−32·5	84	83	337	43	146	1102	27	—	—
No. of years	10	26	26	26	26	26	22	22	26	26	26	10	10	—	—

Stavanger 58° 57′N 5° 44′E 85 m

Period 1944–60 Bibliography 45	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·8	−0·8	7·5	−7·5	9·5	−13·3	81	77	93	32	19	—	—	—	—
February	2·6	−1·4	7·0	−6·9	9·9	−13·4	80	73	56	26	15	—	—	—	—
March	5·4	0·3	11·1	−4·7	18·2	−9·0	80	69	45	28	15	—	—	—	—
April	8·8	3·1	14·5	−1·3	21·6	−3·2	83	71	70	61	17	—	—	—	—
May	13·7	6·7	20·8	2·2	25·5	0·1	78	67	49	24	13	—	—	—	—
June	16·0	9·4	23·7	5·5	29·7	4·0	82	73	84	61	16	—	—	—	—
July	18·3	11·9	24·9	8·1	29·3	6·7	83	75	93	43	17	—	—	—	—
August	18·2	12·2	24·6	8·7	28·7	6·5	85	74	118	47	19	—	—	—	—
September	15·2	10·0	20·0	5·8	24·4	2·6	86	76	142	47	21	—	—	—	—
October	10·9	6·7	15·3	2·3	18·5	−1·8	84	76	129	35	21	—	—	—	—
November	7·3	3·8	11·1	−0·7	13·2	−4·4	82	77	125	42	20	—	—	—	—
December	4·7	1·5	8·9	−3·9	11·3	−7·5	82	78	126	39	21	—	—	—	—
Year	10·3	5·3	26·9*	−9·0*	29·7	−13·4	82	74	1130	61	214	—	—	—	—
No. of years	17	17	17	17	17	17	17	17	17	17	17	—	—	—	—

Tonstad 58° 40′N 6° 42′E 57 m

Period 1931–60 Bibliography 45	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·9	−5·4	6·6	−14·7	9·6	−26·6	84	80	161	48	17	—	—	—	—
February	0·3	−5·6	6·5	−14·7	11·0	−23·8	85	74	111	53	14	—	—	—	—
March	5·9	−3·5	10·0	−11·5	17·3	−21·1	85	67	75	37	12	—	—	—	—
April	9·4	0·4	15·0	−5·6	20·9	−14·2	87	65	104	51	14	—	—	—	—
May	14·9	4·2	22·0	−1·5	26·8	−4·3	81	59	78	40	11	—	—	—	—
June	18·8	8·0	25·1	2·6	30·3	−0·1	84	65	101	45	14	—	—	—	—
July	20·8	11·0	26·5	5·6	32·2	3·4	84	66	125	50	16	—	—	—	—
August	19·5	10·2	24·9	4·7	29·1	1·7	90	68	143	60	16	—	—	—	—
September	16·2	7·2	19·8	0·9	24·0	−2·6	93	72	178	61	18	—	—	—	—
October	10·9	3·5	15·1	−3·4	19·8	−7·2	90	76	202	58	18	—	—	—	—
November	6·3	0·3	10·3	−6·9	12·4	−12·5	88	83	191	75	18	—	—	—	—
December	3·1	−2·5	8·1	−11·2	11·0	−16·9	89	85	199	68	18	—	—	—	—
Year	10·5	2·3	27·7*	−16·9*	32·2	−26·6	87	72	1668	75	186	—	—	—	—
No. of years	8	30	30	30	30	30	16	16	30	30	30	—	—	—	—

*Average of highest/lowest each year

NORWAY

Tromsø 69°39′N 18°57′E 102 m

Period 1931–60 Bibliography 45, 46	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−1·9	−5·7	5·3	−11·7	7·4	−15·8	79	79	96	33	18	2	19	—	—
February	−2·0	−6·3	4·1	−12·0	8·2	−15·0	80	77	79	30	17	43	33	—	—
March	−0·4	−5·2	5·3	−11·3	8·6	−15·5	79	73	91	38	19	100	32	—	—
April	3·0	−2·3	8·6	−8·3	13·9	−11·2	75	68	65	23	18	171	38	—	—
May	6·9	1·4	14·2	−3·2	22·6	−6·2	74	68	61	29	18	167	27	—	—
June	12·2	5·8	21·5	0·8	27·7	−2·0	76	69	59	22	18	212	29	—	—
July	16·0	9·1	24·4	5·1	28·5	1·7	81	72	56	30	15	237	34	—	—
August	14·1	8·3	21·4	4·1	26·6	1·1	85	75	80	29	19	155	29	—	—
September	9·9	4·9	15·9	0·3	22·4	−3·2	85	75	109	45	21	96	27	—	—
October	5·0	1·1	11·1	−4·4	15·4	−8·0	82	78	115	34	21	51	23	—	—
November	1·7	−2·0	7·3	−7·5	11·3	−12·5	81	80	88	36	18	12	27	—	—
December	−0·5	−4·0	5·7	−10·2	8·8	−14·9	80	79	95	42	19	0	—	—	—
Year	5·3	0·4	25·5*	−13·5*	28·5	−15·8	80	74	994	45	221	1246	31	—	—
No. of years	24	30	30	30	30	30	30	30	30	30	30	15	15	—	—

Trondheim 63°26′N 10°25′E 58 m

Period 1931–60 Bibliography 45	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−1·3	−6·3	6·6	−16·8	10·4	−24·5	79	77	71	34	16	—	—	—	—
February	−0·3	−5·8	6·2	−14·7	10·8	−25·0	79	74	71	41	15	—	—	—	—
March	3·0	−3·9	8·6	−12·9	12·5	−22·0	80	70	70	65	16	—	—	—	—
April	7·1	0·1	13·2	−6·5	17·5	−14·4	81	68	63	40	17	—	—	—	—
May	12·2	4·3	20·4	−1·2	25·0	−4·3	80	66	47	29	15	—	—	—	—
June	15·5	8·0	24·4	2·9	29·5	−0·3	81	69	64	31	18	—	—	—	—
July	18·8	11·1	26·6	6·5	32·9	3·8	83	70	69	38	18	—	—	—	—
August	17·6	10·2	24·5	5·2	29·6	1·4	86	71	77	61	17	—	—	—	—
September	13·1	6·6	19·6	1·0	24·0	−3·0	89	75	93	50	20	—	—	—	—
October	8·0	2·6	14·4	−4·0	20·5	−11·1	85	78	99	81	19	—	—	—	—
November	3·6	−1·0	9·6	−8·1	14·0	−16·6	81	79	67	43	15	—	—	—	—
December	1·1	−3·6	7·6	−12·8	12·2	−23·8	79	79	79	39	17	—	—	—	—
Year	8·2	1·9	27·4*	−18·9*	32·9	−25·0	82	73	870	81	203	—	—	—	—
No. of years	24	30	30	30	30	30	30	30	30	30	30	—	—	—	—

Vardø 70°22′N 31°06′E 10 m

Period 1931–60 Bibliography 45	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−2·1	−7·0	3·4	−14·3	5·5	−20·8	85	86	44	20	20	—	—	—	—
February	−2·7	−7·8	2·4	−14·5	5·9	−21·9	87	86	46	18	18	—	—	—	—
March	−1·5	−6·4	3·4	−13·0	8·4	−20·6	86	85	47	15	20	—	—	—	—
April	1·2	−3·1	6·1	−9·1	10·0	−12·1	84	82	36	14	17	—	—	—	—
May	4·8	0·5	11·2	−3·7	17·9	−8·6	81	79	36	17	16	—	—	—	—
June	8·7	4·0	16·7	−0·3	23·8	−2·5	84	82	37	29	14	—	—	—	—
July	11·5	7·1	19·3	3·9	23·5	−1·3	87	85	41	33	13	—	—	—	—
August	12·0	7·5	18·1	4·2	24·0	1·8	86	83	52	29	16	—	—	—	—
September	8·6	4·9	13·8	0·4	19·8	−4·8	86	82	63	34	19	—	—	—	—
October	4·3	0·5	8·9	−4·9	12·8	−8·5	85	83	56	26	20	—	—	—	—
November	1·4	−2·7	5·6	−8·8	8·4	−13·4	85	85	43	29	18	—	—	—	—
December	−0·8	−5·2	4·0	−11·5	6·9	−18·2	86	86	43	18	19	—	—	—	—
Year	3·8	−0·6	21·0*	−16·3*	24·0	−21·9	85	84	544	34	210	—	—	—	—
No. of years	21	30	30	30	30	30	28	28	30	25	30	—	—	—	—

*Average of highest/lowest each year

POLAND

Biatystok 53°08′N 23°10′E 133 m

Period 1931–37 1954–60 Bibliography 48	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−2·3	−7·3	4·5	−20·4	7·7	−29·3	89	85	28	11	16	21	8	6·1	20
February	−1·4	−8·4	5·3	−19·5	9·2	−30·8	89	81	41	8	17	54	19	9·4	12
March	3·9	−4·0	12·4	−13·4	17·4	−21·8	87	69	28	9	12	139	38	11·1	8
April	10·6	1·5	20·3	−4·6	25·6	−10·3	84	61	44	24	14	138	33	12·6	6
May	18·6	6·8	27·8	0·6	31·7	−2·3	77	54	42	20	12	207	42	15·1	3
June	23·0	10·8	29·9	3·9	33·1	1·1	77	55	60	23	12	236	47	15·5	2
July	23·3	12·6	30·3	7·3	36·0	5·3	83	61	84	41	16	217	43	15·2	1
August	22·4	12·0	29·1	6·9	31·6	4·9	88	64	99	55	14	205	45	13·5	2
September	18·1	7·8	26·0	0·8	30·0	−1·9	91	64	49	50	13	162	42	12·0	3
October	12·2	4·0	19·9	−2·6	23·9	−11·2	93	73	52	38	14	97	29	10·3	8
November	4·3	−0·2	11·2	−8·8	16·5	−14·5	92	83	32	17	13	27	10	7·5	21
December	1·0	−3·3	6·9	−14·3	11·3	−25·1	91	86	48	19	17	20	8	5·9	22
Year	11·1	2·7	31·7*	−23·3*	36·0	−30·8	87	70	607	55	170	1523	34	15·5	108
No. of years	9	9	12	12	12	12	12	12	12	12	12	7	7	7	7

Gdynia 54°31′N 18°33′E 5 m

Period 1931–37 1954–60 Bibliography 48	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·4	−3·0	7·6	−11·9	11·3	−19·7	86	82	33	13	15	—	—	—	—
February	1·4	−3·8	8·0	−12·7	13·6	−23·8	86	80	31	18	15	—	—	—	—
March	4·2	−1·3	11·8	−6·8	18·1	−13·0	86	76	27	30	12	—	—	—	—
April	8·7	2·2	16·6	−2·7	24·0	−6·5	83	71	36	25	13	—	—	—	—
May	15·1	7·2	23·9	1·6	31·2	−2·4	78	69	42	31	11	—	—	—	—
June	18·8	11·1	27·0	5·5	33·0	2·4	77	67	71	75	11	—	—	—	—
July	21·3	14·3	27·6	10·1	35·5	7·9	81	70	84	43	13	—	—	—	—
August	21·0	13·9	27·4	9·8	34·1	7·2	83	69	75	119	12	—	—	—	—
September	17·7	10·6	24·8	4·9	29·2	1·5	85	69	59	21	14	—	—	—	—
October	12·5	6·7	19·0	1·0	23·6	−3·6	86	72	61	36	15	—	—	—	—
November	6·6	2·2	11·8	−3·9	15·8	−10·3	87	80	29	22	11	—	—	—	—
December	3·4	−0·7	9·3	−7·4	12·3	−15·6	88	84	46	21	16	—	—	—	—
Year	11·0	4·9	30·3*	−14·7*	35·5	−23·8	84	74	594	119	158	—	—	—	—
No. of years	14	14	14	14	14	14	14	14	14	14	14	—	—	—	—

Kraków (Cracow) 50°04′N 19°58′E 209 m

Period 1931–37 1954–60 Bibliography 48	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·2	−5·4	8·0	−15·5	11·3	−23·4	88	81	28	17	16	47	18	7·9	14
February	1·2	−5·3	10·4	−14·9	15·8	−26·6	87	78	28	16	15	56	20	9·7	11
March	7·0	−0·9	16·9	−8·0	21·3	−15·2	88	71	35	21	12	114	31	11·5	9
April	12·5	3·3	21·3	−2·1	28·5	−6·2	85	60	46	21	15	139	34	13·3	4
May	19·6	9·0	27·1	2·7	32·6	−1·8	80	56	46	38	12	203	43	14·6	3
June	22·4	12·3	29·8	6·6	33·8	3·0	81	60	94	63	15	197	40	15·0	3
July	24·3	14·5	31·0	10·2	35·2	8·6	83	61	111	51	16	208	42	15·5	2
August	23·0	13·5	29·7	8·8	34·3	6·2	87	63	91	65	15	183	41	13·6	2
September	19·1	9·7	27·1	3·1	30·0	−0·7	91	66	62	43	12	152	40	11·4	4
October	13·6	5·3	22·4	−1·2	26·6	−4·4	92	71	49	34	14	106	32	10·2	7
November	6·4	0·6	15·1	−6·5	20·9	−11·5	93	82	37	25	15	53	19	8·2	14
December	2·9	−2·4	11·2	−10·4	16·6	−18·2	90	85	36	19	16	31	12	7·0	17
Year	12·7	4·5	32·3*	−18·3*	35·2	−26·6	87	69	663	65	173	1489	33	15·5	90
No. of years	14	14	14	14	14	14	14	14	14	14	14	13	13	13	13

*Average of highest/lowest each year

POLAND

Lublinek 51°44′N 19°24′E 184 m

Period 1931–37 1954–60	Temperature						Relative humidity		Precipitation			Bright sunshine			
Bibliography 48	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−0·3	−5·7	6·7	−16·6	10·9	−27·6	90	84	21	14	13	45	17	7·6	15
February	0·2	−6·5	8·4	−18·3	12·7	−27·1	89	83	32	16	16	59	21	8·2	11
March	6·0	−1·7	15·7	−9·4	20·0	−16·9	89	73	26	20	11	120	33	11·1	8
April	11·6	2·2	21·1	−3·8	26·3	−7·2	87	62	36	17	13	127	31	12·1	5
May	18·7	7·3	27·5	0·9	31·4	−3·4	79	53	34	22	9	215	45	14·0	2
June	22·4	10·8	30·0	3·7	35·4	−0·8	79	57	67	46	13	211	43	14·3	1
July	23·3	12·8	30·9	8·1	35·1	5·4	84	61	103	82	15	181	36	14·0	3
August	22·7	11·8	29·5	7·1	34·1	4·8	88	60	58	38	12	187	41	13·5	1
September	18·9	8·3	27·5	1·4	30·2	−1·6	91	61	50	28	11	164	43	11·6	3
October	12·8	4·6	21·3	−1·6	26·0	−7·4	92	72	39	33	12	109	33	10·0	7
November	6·0	0·5	13·1	−6·8	18·3	−11·6	93	83	26	16	12	48	18	8·4	14
December	2·6	−2·0	8·8	−11·8	13·3	−25·0	91	87	41	14	17	28	11	6·6	18
Year	12·1	3·5	32·8*	−20·6*	35·4	−27·6	88	70	533	82	154	1494	33	14·3	88
No. of years	11	11	14	14	14	14	14	14	14	14	14	10	10	10	10

Ostróda 53°42′N 19°58′E 106 m

Period 1935–39 1954–60	Temperature						Relative humidity		Precipitation			Bright sunshine			
Bibliography 48, 49	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−0·6	−5·6	5·8	−18·1	9·0	−29·5	87	82	33	13	14	51	21	—	—
February	0·0	−6·2	7·1	−17·8	10·5	−29·6	88	78	33	16	14	59	21	—	—
March	4·7	−2·2	13·7	−8·9	19·9	−17·3	87	68	30	13	11	114	31	—	—
April	10·3	1·7	20·5	−3·8	25·8	−5·9	84	61	38	18	13	147	35	—	—
May	17·4	6·7	26·6	0·1	30·0	−3·5	78	52	55	45	11	279	56	—	—
June	21·2	10·7	29·9	4·4	33·5	0·6	79	56	69	37	11	284	56	—	—
July	22·3	13·0	29·6	8·9	36·0	6·1	86	63	95	44	16	239	47	—	—
August	21·8	12·4	28·1	7·9	32·7	5·3	88	62	83	49	12	213	46	—	—
September	17·8	8·8	26·2	2·3	29·3	0·7	90	62	51	35	12	190	50	—	—
October	11·7	5·0	19·6	−1·3	23·6	−9·2	91	73	48	28	13	96	29	—	—
November	5·3	0·9	11·5	−5·1	14·7	−9·8	89	82	31	13	11	48	19	—	—
December	1·2	−2·7	7·6	−11·9	10·7	−18·8	88	85	45	33	15	26	11	—	—
Year	11·1	3·5	31·5*	−20·4*	36·0	−29·6	86	69	611	49	153	1746	39	—	—
No. of years	12	12	12	12	12	12	12	12	12	12	12	5	5	—	—

Poznań 52°26′N 16°53′E 83 m

Period 1931–37 1954–60	Temperature						Relative humidity		Precipitation			Bright sunshine			
Bibliography 48	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·5	−4·5	7·7	−14·9	11·2	−22·7	89	83	24	11	15	51	20	7·7	13
February	1·1	−5·3	9·0	−15·9	13·7	−28·0	89	79	29	12	14	64	23	10·1	11
March	6·5	−1·3	16·1	−8·3	21·2	−14·8	88	70	26	15	11	142	39	11·7	7
April	12·0	2·5	20·9	−3·2	28·5	−6·2	85	60	41	25	14	168	40	13·9	2
May	19·5	8·1	27·8	1·1	31·9	−2·4	78	52	47	46	11	255	52	15·5	1
June	22·6	11·1	30·6	4·5	35·4	0·6	77	54	54	47	11	241	48	15·8	1
July	24·2	13·8	31·6	8·7	38·2	3·8	83	59	82	54	16	221	44	15·6	1
August	23·0	12·7	30·3	7·5	34·6	5·2	87	60	66	51	13	218	48	14·8	2
September	19·4	9·0	28·3	2·1	32·4	−1·6	91	61	45	30	11	184	48	12·0	1
October	13·2	4·9	20·8	−1·3	24·8	−6·0	93	72	38	35	14	112	34	11·1	6
November	6·0	0·6	13·0	−6·5	17·0	−11·1	93	83	23	17	12	55	21	8·9	14
December	2·9	−2·0	9·1	−10·0	12·5	−23·0	91	87	39	13	17	40	17	7·8	18
Year	12·6	4·1	33·4*	−17·8*	38·2	−28·0	87	68	514	54	159	1751	39	15·8	77
No. of years	14	14	14	14	14	14	14	14	14	14	14	7	7	7	7

*Average of highest/lowest each year

POLAND

Przemyśl 49° 47′N 22° 48′E 201 m

Period 1931–37 1954–60 Bibliography 48	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−0·1	−6·6	8·7	−17·9	14·0	−26·1	83	74	27	13	14	—	—	—	—
February	0·9	−6·2	9·6	−18·4	14·8	−26·9	82	71	24	18	14	—	—	—	—
March	6·2	−1·5	17·1	−11·0	23·8	−24·7	83	64	25	17	10	—	—	—	—
April	12·5	2·8	22·0	−3·6	30·8	−11·1	83	59	43	22	13	—	—	—	—
May	19·4	7·9	27·2	1·2	31·2	−2·4	79	55	57	32	12	—	—	—	—
June	22·7	11·5	29·3	4·6	33·6	1·7	82	60	88	34	13	—	—	—	—
July	23·9	13·7	32·0	8·8	36·6	6·2	84	63	105	66	15	—	—	—	—
August	22·9	12·8	30·4	6·9	33·0	3·2	88	63	93	81	14	—	—	—	—
September	19·3	8·7	27·3	1·5	31·0	−0·3	90	63	58	32	12	—	—	—	—
October	13·9	4·7	22·7	−2·2	29·9	−6·9	89	67	50	29	12	—	—	—	—
November	6·3	0·5	15·7	−8·5	19·7	−16·1	90	78	43	32	13	—	—	—	—
December	3·1	−2·2	11·3	−12·5	16·0	−16·9	86	78	43	19	16	—	—	—	—
Year	12·6	3·8	32·7*	−21·3*	36·6	−26·9	85	66	656	81	158	—	—	—	—
No. of years	11	11	14	14	14	14	14	14	14	14	14	—	—	—	—

Puławy 51° 25′N 21° 57′E 140 m

Period 1931–37 1954–60 Bibliography 48	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−0·9	−6·1	5·8	−17·7	9·1	−29·8	88	81	24	13	15	45	17	7·3	14
February	0·0	−6·6	8·2	−16·9	11·9	−28·1	88	77	25	13	16	60	21	9·1	11
March	5·6	−2·3	15·1	−10·3	18·5	−19·0	87	67	23	13	11	139	38	12·2	7
April	11·7	2·6	21·2	3·6	28·2	−10·2	83	57	33	31	14	159	38	12·3	3
May	19·4	8·4	27·7	1·9	32·0	−2·0	77	52	56	66	11	248	52	13·9	2
June	22·5	11·6	29·4	5·2	34·0	1·8	78	55	70	47	13	227	46	14·7	2
July	24·1	14·0	31·2	9·3	34·8	6·1	83	60	96	49	16	220	44	14·0	2
August	22·9	12·9	29·9	7·9	33·6	4·6	87	61	87	47	16	199	44	13·9	2
September	18·8	9·0	27·3	2·2	30·5	−0·8	89	62	45	44	11	164	43	11·5	3
October	13·1	4·9	21·1	−1·5	25·8	−6·9	91	68	41	32	13	117	35	9·7	6
November	5·7	0·5	13·6	−6·9	18·0	−12·7	91	80	29	18	13	47	17	7·8	15
December	1·9	−2·8	9·1	−11·8	13·2	−25·0	90	84	37	13	17	33	13	6·7	20
Year	12·1	3·8	32·3*	−20·7*	34·8	−29·8	86	67	566	66	166	1658	37	14·7	87
No. of years	14	14	14	14	14	14	14	14	14	14	14	8	8	8	8

Śnieżka (Schneekoppe) 50° 44′N 15° 44′E 1603 m

Period 1934–44 1954–60 Bibliography 48, 49	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−5·3	−10·6	3·2	−19·4	8·4	−29·5	87	87	122	41	23	66	25	8·7	15
February	−4·8	−10·1	4·3	−18·7	9·7	−33·9	85	84	94	50	19	88	31	9·8	12
March	−2·5	−7·6	5·3	−14·9	12·1	−23·9	86	87	102	45	19	117	32	11·5	10
April	0·5	−4·4	8·3	−12·1	15·2	−18·0	89	91	115	104	20	119	29	13·0	8
May	5·9	0·3	14·1	−7·4	17·4	−13·1	88	86	107	70	19	176	37	14·3	5
June	9·8	4·2	16·8	−1·9	22·0	−6·0	89	85	127	89	18	182	37	15·3	3
July	11·1	6·0	18·0	0·9	23·2	−1·8	92	89	182	125	22	161	33	14·7	3
August	11·1	6·1	17·8	1·1	23·0	−2·2	91	88	140	182	19	160	36	13·0	3
September	8·1	3·1	16·0	−3·5	19·8	−6·7	89	88	106	56	18	138	36	12·2	5
October	4·0	−0·9	12·1	−7·8	15·2	−14·7	88	89	126	93	22	104	31	10·5	10
November	0·2	−5·0	8·1	−11·8	12·5	−20·3	88	88	100	71	21	69	25	9·2	15
December	−3·0	−7·9	5·3	−15·5	10·3	−27·3	87	87	119	47	22	63	25	8·0	16
Year	2·9	−2·2	19·9*	−22·1*	23·2	−33·9	88	87	1440	182	242	1443	32	15·3	105
No. of years	18	18	18	18	18	18	18	18	18	18	18	17	17	6	17

*Average of highest/lowest each year

POLAND

Suwałki 54° 06′N 22° 57′E 165 m

Period 1931–37 1954–60 Bibliography 48	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−2·6	−8·3	3·5	−22·1	7·1	−32·0	90	88	28	11	16	24	10	7·1	20
February	−2·4	−8·7	3·8	−20·1	7·3	−32·0	89	84	32	17	15	60	22	9·5	12
March	2·6	−4·9	11·3	−14·9	16·3	−21·8	88	73	27	18	12	146	40	11·8	8
April	9·5	0·9	18·9	−5·0	24·1	−10·4	87	63	37	23	14	139	33	13·1	6
May	17·3	6·3	26·9	−0·4	30·9	−3·3	79	56	43	20	11	226	46	15·4	2
June	21·6	10·5	28·8	2·8	31·4	−1·8	78	57	78	34	13	250	49	16·0	1
July	22·0	12·3	29·1	6·5	35·3	3·3	85	63	96	50	16	218	42	15·5	1
August	21·5	11·9	28·1	6·5	31·2	3·9	89	64	104	86	13	207	45	13·8	2
September	17·2	7·7	25·2	1·0	28·9	−1·9	92	65	55	37	13	162	42	12·2	2
October	11·2	4·0	18·3	−2·9	23·4	−14·2	94	77	61	64	14	85	26	10·4	9
November	3·6	−0·7	10·0	−9·6	14·5	−16·3	94	87	34	30	12	29	11	8·1	20
December	0·1	−4·2	5·9	−15·3	10·3	−27·7	93	90	48	16	18	22	9	6·7	22
Year	10·1	2·2	30·9*	−24·3*	35·3	−32·0	88	72	643	86	167	1568	35	16·0	105
No. of years	9	9	12	12	12	12	12	12	12	12	12	7	7	7	7

Szczecin (Stettin) 53° 24′N 14° 37′E 1 m

Period 1931–44 1954–60 Bibliography 48, 49	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						per cent		millimetres			hours		hours	
January	1·8	−3·3	8·7	−14·4	11·5	−24·8	88	82	32	12	16	45	18	—	16
February	2·0	−4·5	9·2	−15·5	15·7	−28·7	89	78	27	14	14	53	19	—	12
March	7·0	−1·0	16·4	−8·3	21·7	−18·4	88	66	27	16	11	119	33	—	8
April	11·5	2·3	19·9	−4·2	28·9	−6·6	85	63	43	21	15	166	40	—	4
May	18·4	7·1	27·2	0·6	31·5	−3·8	79	56	41	33	12	229	47	—	3
June	21·7	10·5	29·9	3·6	34·2	−1·0	80	59	50	43	12	253	51	—	2
July	23·4	13·4	31·1	8·2	36·5	4·5	85	64	82	44	13	243	48	—	1
August	22·6	12·8	29·4	7·5	35·0	5·4	88	64	65	44	14	224	49	—	2
September	19·0	9·2	26·9	2·8	29·8	−2·4	91	65	57	42	13	175	46	—	3
October	12·9	5·6	20·0	−1·4	23·0	−6·2	91	75	52	24	15	105	32	—	8
November	6·7	1·6	13·1	−5·4	16·8	−10·4	91	82	30	27	13	45	17	—	14
December	3·1	−1·4	9·8	−10·3	12·7	−23·4	90	85	40	15	15	35	15	—	18
Year	12·5	4·4	32·5*	−17·9*	36·5	−28·7	87	70	546	44	163	169	38	—	91
No. of years	15	15	15	15	15	15	12	12	15	15	14	10	10	—	10

Toruń 53° 01′N 18° 33′E 46 m

Period 1931–37 1954–60 Bibliography 48	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						per cent		millimetres			hours		hours	
January	0·3	−5·1	7·1	−17·1	11·0	−26·7	88	82	23	8·6	12	—	—	—	—
February	0·4	−6·7	8·2	−18·8	13·8	−26·9	88	80	27	11·6	14	—	—	—	—
March	5·9	−1·9	14·4	−10·5	19·9	−19·9	88	69	21	21·2	10	—	—	—	—
April	11·6	1·7	21·4	−5·7	28·2	−8·8	85	59	35	24·7	12	—	—	—	—
May	19·4	7·0	28·3	−0·2	31·8	−2·9	77	50	45	29·7	11	—	—	—	—
June	22·7	10·3	30·4	3·3	35·2	−1·4	76	53	71	53·2	11	—	—	—	—
July	23·8	13·1	31·3	7·5	38·2	3·0	83	59	99	80·1	15	—	—	—	—
August	23·1	12·0	29·7	6·8	34·9	5·9	87	58	62	35·0	13	—	—	—	—
September	19·4	8·3	27·9	1·1	31·6	−1·3	91	60	33	19·1	11	—	—	—	—
October	12·9	4·2	20·9	−3·3	25·6	−8·2	91	69	33	17·1	13	—	—	—	—
November	5·9	0·4	12·8	−8·3	16·3	−14·8	91	80	22	10·4	9	—	—	—	—
December	2·5	−2·0	8·7	−11·6	12·2	−25·9	91	86	39	13·3	16	—	—	—	—
Year	12·3	3·5	33·2*	−20·7*	38·2	−26·9	86	67	510	80·1	147	—	—	—	—
No. of years	10	10	13	13	13	13	13	13	13	13	13	—	—	—	—

*Average of highest/lowest each year

POLAND

Warszawa (Warsaw) 52°13′N 21°03′E 110 m

Period 1931–37 1954–60 Bibliography 48	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−0·4	−5·5	6·7	−17·2	10·8	−29·1	90	84	27	15	15	53	21	8·0	15
February	0·3	−6·0	8·3	−16·3	13·3	−26·5	89	80	32	14	14	55	20	10·0	12
March	5·6	−2·0	14·5	−8·7	18·5	−14·2	90	70	27	24	11	115	31	11·1	8
April	11·8	2·9	21·3	−2·7	26·8	−5·8	85	61	37	37	13	158	38	12·8	2
May	19·6	9·0	28·4	2·6	33·5	−3·0	80	56	46	35	11	252	52	15·5	2
June	22·6	12·3	30·1	6·3	34·0	3·2	82	59	69	54	13	244	49	15·9	1
July	24·1	14·6	31·2	10·1	35·3	7·1	86	63	96	49	16	219	44	15·4	1
August	22·9	13·5	29·6	9·0	33·4	6·9	90	63	65	32	13	215	47	14·6	1
September	19·0	9·5	27·9	3·1	31·3	1·1	92	64	43	24	12	158	41	11·1	3
October	12·9	5·1	21·0	−1·1	25·5	−8·5	93	73	38	47	12	119	36	10·2	6
November	5·6	0·7	13·0	−5·5	17·0	−12·0	93	83	31	19	12	49	18	8·9	14
December	1·9	−2·5	8·5	−11·6	12·5	−25·7	92	87	44	18	16	39	16	7·5	20
Year	12·2	4·3	32·4*	−19·3*	35·3	−29·1	89	70	555	54	158	1676	37	15·9	85
No. of years	14	14	14	14	14	14	14	14	14	14	14	5	5	5	5

Wrocław (Breslau) 51°08′N 16°59′E 116 m

Period 1934–44 1954–60 Bibliography 48, 49	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·5	−5·9	8·1	−17·6	13·0	−27·7	85	77	29	11	16	45	17	—	16
February	1·9	−5·7	10·9	−17·0	16·0	−32·0	86	74	27	20	13	70	25	—	10
March	7·6	−1·1	16·5	−9·3	22·1	−18·3	86	65	35	33	12	122	33	—	6
April	12·5	2·6	21·8	−4·0	28·3	−6·8	85	60	44	28	13	145	35	—	3
May	18·5	7·0	27·2	−0·3	30·4	−2·4	80	54	57	49	11	227	47	—	4
June	22·3	10·9	29·8	4·5	36·5	1·4	80	57	71	51	11	232	47	—	2
July	23·6	13·1	30·8	8·1	36·6	4·3	85	59	89	55	15	221	44	—	2
August	23·3	12·2	30·5	6·9	37·2	4·6	87	58	68	38	13	216	48	—	2
September	19·8	8·8	28·2	2·0	31·6	−1·8	91	59	51	74	12	179	47	—	3
October	13·9	4·8	22·2	−2·1	26·9	−6·2	91	67	48	35	12	115	35	—	8
November	7·3	0·7	15·0	−5·8	18·4	−10·3	90	77	30	24	13	54	20	—	13
December	3·5	−2·4	10·6	−11·2	15·2	−18·1	88	81	35	17	14	39	16	—	17
Year	12·9	3·7	33·0*	−20·3*	37·2	−32·0	86	66	584	74	155	139	37	—	86
No. of years	17	17	17	17	17	17	14	14	17	17	17	10	10	—	10

Zakopane 49°17′N 19°57′E 833 m

Period 1931–37 1954–60 Bibliography 48	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−0·4	−10·4	8·7	−21·9	13·0	−29·8	87	73	41	36	16	81	30	7·8	9
February	0·1	−10·0	9·7	−22·7	13·0	−34·1	86	69	45	22	16	91	32	9·8	8
March	4·8	−5·4	14·0	−15·0	19·5	−24·7	86	63	58	34	15	144	39	11·9	6
April	8·6	−0·7	17·1	−8·0	23·5	−15·3	83	61	76	53	17	140	34	13·6	5
May	15·4	4·4	22·7	−2·0	27·2	−6·3	75	60	91	34	16	184	39	14·7	4
June	18·1	7·3	25·1	1·0	29·8	−1·3	80	65	173	109	19	161	30	15·1	4
July	20·1	9·6	27·4	4·9	31·8	2·5	81	64	200	172	20	182	37	14·6	3
August	19·2	8·8	26·3	3·3	28·9	0·4	87	66	152	90	18	171	38	13·8	3
September	16·1	5·2	23·9	−1·2	26·8	−3·1	89	64	99	60	13	164	43	12·4	3
October	11·4	1·3	20·8	−5·5	23·8	−12·9	89	65	83	54	15	141	42	11·1	5
November	5·0	−3·2	14·1	−12·3	17·5	−17·1	90	74	54	37	13	81	29	8·8	10
December	2·2	−6·1	11·1	−17·0	14·3	−22·6	87	74	49	26	16	55	21	6·9	12
Year	10·1	−0·1	28·4*	−25·3*	31·8	−34·1	85	67	1121	172	194	1595	36	15·1	72
No. of years	14	14	14	14	14	14	14	14	14	14	14	12	12	12	12

*Average of highest/lowest each year

PORTUGAL

Bragança 41°49′N 6°46′W 720 m

Period 1931–60	Temperature						Relative humidity		Precipitation			Bright sunshine			
Bibliography 50, 51, 52	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min	0530	1130							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·6	0·0	13·5	−5·5	18·0	−12·0	90	80	149	209	15	121	41	—	—
February	10·5	0·6	16·2	−4·3	21·4	−11·0	88	73	104	116	12	156	52	—	—
March	12·7	3·1	20·1	−1·7	25·0	−7·0	86	68	133	97	15	184	50	—	—
April	15·8	4·6	23·5	−0·3	28·5	−4·3	83	59	73	41	10	241	60	—	—
May	18·5	7·2	26·1	2·2	31·2	−2·0	83	59	69	50	11	268	60	—	—
June	23·9	10·7	32·1	5·3	36·4	0·6	80	53	42	66	7	318	70	—	—
July	27·6	12·7	35·1	7·7	39·5	3·0	76	47	15	72	3	384	83	—	—
August	28·1	12·5	33·7	7·9	38·2	0·5	77	47	16	27	4	347	81	—	—
September	23·5	10·2	31·1	5·0	35·6	−1·0	82	55	39	52	7	254	68	—	—
October	17·5	6·5	24·8	0·6	28·6	−4·0	87	66	79	85	10	197	57	—	—
November	11·9	3·2	17·7	−1·8	22·2	−6·4	90	74	110	66	14	142	48	—	—
December	8·0	0·7	13·6	−4·3	16·8	−10·0	90	81	144	124	17	112	39	—	—
Year	17·1	6·0	35·8*	−6·8*	39·5	−12·0	84	64	973	209	125	2724	60	—	—
No. of years	30	30	21	21	30	30	30	30	30	30	30	30	30	—	—

Cabo Varvoeiro 39°21′N 9°24′W 32 m

Period 1931–60	Temperature						Relative humidity		Precipitation			Bright sunshine			
Bibliography 50, 51, 52	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	13·9	8·9	17·0	3·8	19·2	0·0	84	79	83	70	13	130	43	—	—
February	14·2	9·1	17·6	4·3	22·3	0·0	84	76	57	35	9	153	51	—	—
March	15·6	10·2	20·7	6·7	26·0	1·0	83	78	79	58	12	180	49	—	—
April	16·8	11·7	22·8	9·0	29·0	7·2	84	77	43	67	8	231	58	—	—
May	17·8	13·1	23·5	9·6	32·0	5·4	85	79	33	45	8	254	57	—	—
June	19·4	14·9	24·1	12·5	36·0	11·0	88	80	13	31	3	259	58	—	—
July	20·4	15·8	24·7	13·6	32·0	10·0	89	82	3	9	2	285	63	—	—
August	20·8	16·2	25·2	13·9	33·0	10·0	91	86	5	21	2	272	64	—	—
September	19·8	15·8	25·1	12·9	31·0	10·0	89	86	25	64	5	221	59	—	—
October	19·5	14·3	24·5	10·4	28·0	7·8	87	84	53	58	9	197	57	—	—
November	16·8	11·7	20·7	7·2	25·0	0·4	85	82	71	59	11	152	50	—	—
December	14·9	9·7	17·8	4·5	20·2	0·3	84	82	83	52	13	137	47	—	—
Year	17·5	12·6	28·9*	2·1*	36·0	0·0	86	81	548	70	95	2471	55	—	—
No. of years	30	30	22	22	30	30	30	30	30	30	30	30	30	—	—

Castelo Branco 39°49′N 7°29′W 390 m

Period 1931–60	Temperature						Relative humidity		Precipitation			Bright sunshine			
Bibliography 50, 51, 52	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	11·1	4·7	16·0	−0·1	19·3	−4·3	79	67	123	82	10	—	—	—	—
February	13·0	5·3	18·7	0·4	22·9	−4·5	73	58	81	84	8	—	—	—	—
March	15·6	7·5	22·1	2·9	27·5	−1·2	72	58	129	118	11	—	—	—	—
April	18·8	9·3	25·6	5·0	31·5	1·6	63	49	70	77	8	—	—	—	—
May	22·0	11·8	29·7	6·4	36·7	2·0	60	47	56	44	7	—	—	—	—
June	27·4	15·4	34·4	10·1	38·8	7·0	53	38	22	33	3	—	—	—	—
July	31·2	18·1	38·1	12·6	41·6	10·0	46	30	5	37	1	—	—	—	—
August	31·0	17·8	37·3	13·1	41·3	10·8	48	32	8	43	1	—	—	—	—
September	27·0	16·0	34·0	10·7	37·3	6·6	58	43	39	76	4	—	—	—	—
October	20·8	12·2	27·4	6·7	33·5	3·2	69	54	77	87	7	—	—	—	—
November	15·1	8·0	19·9	3·8	23·6	0·3	77	64	102	107	9	—	—	—	—
December	11·7	5·2	15·8	0·7	19·4	−2·5	68	67	116	69	10	—	—	—	—
Year	20·4	10·9	39·0*	−1·5*	41·6	−4·5	64	51	828	118	79	—	—	—	—
No. of years	30	30	30	30	30	30	30	30	30	30	30	—	—	—	—

*Average of highest/lowest each year

PORTUGAL

Coimbra 40° 12′N 8° 25′W 141 m

Period 1931–60 Bibliography 50, 51, 52	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	14·0	5·4	19·5	−0·8	22·9	−3·6	83	66	132	76	15	143	48	9·8	3
February	15·7	5·8	21·8	0·2	26·1	−4·0	78	58	95	57	13	164	54	10·8	2
March	18·2	8·2	25·5	3·2	30·5	−2·2	75	59	131	61	16	184	50	12·2	2
April	20·9	9·3	29·1	4·8	35·6	0·8	67	52	76	64	13	234	59	13·5	0
May	22·5	11·0	31·3	6·4	36·9	4·2	69	55	76	55	13	252	56	14·4	1
June	26·1	13·6	36·2	9·2	40·7	6·8	69	52	38	48	8	275	61	14·8	0
July	28·9	14·9	38·6	10·9	45·8	9·0	67	46	13	26	4	324	71	14·7	0
August	29·3	15·0	37·2	11·2	43·7	8·9	69	45	18	36	5	306	72	14·1	0
September	27·2	14·1	34·7	9·7	39·6	5·5	72	49	48	123	8	236	63	12·6	1
October	23·0	11·7	30·8	5·8	36·7	2·2	74	55	87	58	13	198	57	11·4	1
November	17·8	8·7	23·5	3·3	28·4	−0·9	79	64	105	55	14	151	50	10·2	3
December	14·4	6·1	19·1	0·6	21·8	−2·8	83	69	142	63	16	138	48	9·5	4
Year	21·5	10·3	39·8*	−1·7*	45·8	−4·0	74	56	961	123	138	2605	58	14·8	17
No. of years	30	30	24	24	30	30	30	30	30	30	30	30	30	13	13

Évora 38° 34′N 7° 54′W 309 m

Period 1931–60 Bibliography 50, 51, 52	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	12·0	5·7	16·8	0·1	20·4	−4·7	84	68	96	75	14	156	51	10·0	3
February	13·5	6·2	19·1	0·9	23·8	−5·0	77	56	66	45	10	177	58	11·0	3
March	15·9	8·0	22·3	3·8	26·9	−1·2	76	56	103	47	14	197	53	12·0	1
April	18·7	9·5	25·6	5·7	30·6	1·4	66	49	57	52	10	251	64	13·5	1
May	21·3	11·2	29·0	7·1	36·5	4·8	61	44	49	41	9	285	66	14·4	0
June	26·4	14·0	34·5	9·9	38·0	7·5	55	36	15	26	4	339	76	14·6	0
July	30·1	15·9	37·7	11·8	42·3	10·2	49	28	5	33	1	392	87	14·5	0
August	30·0	16·4	36·6	12·5	40·0	11·1	52	29	4	19	1	360	85	13·9	0
September	26·9	15·2	34·2	11·2	38·6	8·4	60	37	27	54	4	278	74	12·4	0
October	21·5	12·6	28·5	7·4	33·6	3·8	70	49	62	104	9	223	64	11·3	1
November	16·2	9·1	21·3	4·8	26·2	0·5	81	63	81	72	11	172	57	10·4	2
December	12·7	6·3	16·9	1·3	19·7	−1·5	83	67	91	60	14	160	54	9·6	4
Year	20·4	10·8	38·6*	−1·1*	42·3	−5·0	68	48	656	104	101	2990	66	14·6	15
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	13	13

Faro 37° 01′N 7° 55′W 36 m

Period 1931–60 Bibliography 50, 51, 52	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	15·3	9·0	19·2	3·7	24·0	−0·7	79	72	70	99	9	175	57	10·5	3
February	16·1	9·5	19·6	4·5	23·0	−0·8	76	70	52	78	7	195	64	10·8	1
March	17·5	11·1	21·7	7·4	26·0	2·1	76	72	72	43	10	216	58	11·7	2
April	19·7	12·5	24·8	9·0	31·5	5·0	69	67	31	43	6	277	70	13·5	0
May	21·9	14·4	27·3	10·3	32·9	7·0	68	67	21	30	4	318	72	14·1	0
June	25·2	17·5	31·1	13·9	35·0	10·2	66	65	5	23	1	360	82	14·5	0
July	28·2	19·5	34·4	15·3	41·3	12·0	63	62	1	4	0	380	85	14·8	0
August	28·2	19·9	33·7	16·0	37·0	8·0	63	63	1	5	0	361	86	14·2	0
September	25·7	18·6	30·5	14·6	34·4	10·0	67	66	17	51	2	279	75	12·3	1
October	22·4	15·7	27·0	11·1	31·8	8·0	70	68	51	71	6	237	68	11·6	1
November	18·9	12·6	22·8	8·5	28·3	5·1	75	70	65	129	8	182	59	10·1	2
December	16·2	9·8	19·5	5·1	21·8	1·0	77	70	67	90	9	178	59	9·5	3
Year	21·3	14·2	35·2*	2·5*	41·3	−0·8	71	68	453	129	62	3158	71	14·8	13
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	13	13

*Average of highest/lowest each year

PORTUGAL

Figueira de Castelo Rodrigo 40° 53′N 7° 02′W 587 m

Period 1951–60 Bibliography 52	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1730							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·6	1·1	14·0	−4·1	16·5	−7·6	87	86	50	23	9	116	39	—	—
February	10·1	1·5	15·8	−3·9	23·5	−8·7	85	81	61	73	8	141	47	—	—
March	14·1	4·4	21·2	−0·9	25·3	−5·0	80	75	84	42	11	133	36	—	—
April	16·9	5·5	22·8	0·1	26·1	−1·4	71	66	44	24	9	250	63	—	—
May	21·2	8·6	29·1	3·1	40·2	1·0	70	61	59	42	9	262	58	—	—
June	25·4	11·4	33·0	5·9	35·8	2·5	69	57	36	29	5	319	71	—	—
July	29·5	13·7	36·7	9·1	38·0	7·0	61	46	4	13	1	385	84	—	—
August	28·7	13·3	34·7	8·5	36·5	5·5	59	46	11	15	2	337	79	—	—
September	25·1	11·4	32·7	6·5	36·3	4·5	68	57	31	34	5	229	61	—	—
October	18·8	8·3	25·6	2·3	28·9	−0·5	77	71	66	63	9	202	58	—	—
November	12·7	4·2	18·0	−1·5	21·5	−3·5	83	81	63	45	8	149	50	—	—
December	9·2	2·2	14·1	−2·1	18·5	−4·5	88	87	63	27	10	83	29	—	—
Year	18·4	7·1	37·3*	−5·1*	40·2	−8·7	75	68	572	73	86	2606	58	—	—
No. of years	10	10	10	10	10	10	10	10	10	10	10	5	5	—	—

Lisboa (Lisbon) 38° 43′N 9° 09′W 77 m

Period 1931–60 Bibliography 50, 51, 52	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	13·9	7·8	18·0	2·8	20·6	−0·5	85	71	111	59	15	161	53	9·8	2
February	15·2	8·1	19·8	3·6	25·4	−1·2	80	64	76	59	12	182	60	10·9	2
March	17·3	10·0	23·4	6·4	27·4	2·8	78	64	109	70	14	206	56	12·0	1
April	19·6	11·5	26·3	8·3	31·0	4·4	69	56	54	35	10	265	67	13·3	1
May	21·4	12·9	28·6	9·3	34·3	6·4	68	57	44	50	10	301	68	14·7	1
June	24·8	15·4	33·2	12·3	37·7	9·8	65	54	16	36	5	329	74	14·7	0
July	27·4	17·0	35·5	14·3	39·9	12·1	62	48	3	17	2	378	84	14·3	0
August	27·7	17·3	34·8	14·6	40·3	13·3	64	49	4	25	2	357	84	13·5	0
September	26·9	16·5	32·7	13·5	35·5	10·3	70	54	33	50	6	279	75	12·4	0
October	22·3	14·2	28·8	10·0	35·3	6·7	75	59	62	64	9	231	66	11·1	1
November	17·2	11·0	21·7	6·9	26·7	3·6	81	68	93	87	13	174	57	10·7	2
December	14·5	8·5	18·0	3·7	20·9	0·0	84	72	103	78	15	159	54	9·8	3
Year	20·6	12·5	36·7*	1·7*	40·3	−1·2	73	60	708	87	113	3022	68	14·7	13
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	28	28

Melgaço 42° 07′N 8° 16′W 235 m

Period 1949–60 Bibliography 52	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1730							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	11·6	4·2	17·5	−1·4	22·5	−3·0	87	80	113	54	12	91	31	—	—
February	12·9	4·7	20·3	−1·0	29·0	−5·8	82	74	122	45	13	124	42	—	—
March	15·9	6·8	23·1	1·4	27·0	−2·0	80	71	141	45	15	143	39	—	—
April	18·5	7·9	25·9	2·9	31·0	0·5	73	61	77	43	10	183	46	—	—
May	20·9	10·4	29·0	5·4	32·0	3·0	72	62	87	65	11	210	47	—	—
June	24·2	13·1	32·7	8·1	36·0	5·6	72	63	54	43	8	239	53	—	—
July	27·4	14·8	35·5	10·6	38·0	8·8	71	56	20	43	4	270	58	—	—
August	26·7	14·4	33·7	10·2	38·0	7·2	74	59	42	59	8	245	57	—	—
September	24·1	13·4	32·0	8·8	36·0	5·5	78	66	60	41	8	183	49	—	—
October	20·3	10·2	27·2	4·7	31·0	3·0	82	73	109	57	10	158	46	—	—
November	14·9	7·2	19·7	1·8	23·6	−0·6	83	79	156	86	13	123	42	—	—
December	11·8	4·9	16·5	−0·2	22·5	−3·0	88	83	175	65	15	76	27	—	—
Year	19·1	9·3	36·3*	−2·5*	38·0	−5·8	79	69	1156	86	127	2045	46	—	—
No. of years	12	12	12	12	12	12	12	12	12	12	12	10	10	—	—

*Average of highest/lowest each year

PORTUGAL

Moura 38° 09′N 7° 26′W 158 m

Period 1939–60 Bibliography 51, 52	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	13·8	5·4	18·6	−0·7	25·6	−3·4	90	73	49	32	9	—	—	—	—
February	15·9	5·7	21·9	0·8	26·6	−4·6	86	63	32	25	6	—	—	—	—
March	18·5	8·1	25·4	3·5	29·0	−0·8	85	60	72	40	10	—	—	—	—
April	21·6	9·9	28·9	5·9	35·0	2·9	82	50	46	31	7	—	—	—	—
May	25·0	12·1	32·9	7·6	38·7	5·2	77	46	34	44	6	—	—	—	—
June	30·4	15·6	38·2	11·1	41·4	8·2	71	38	17	35	3	—	—	—	—
July	34·3	17·3	41·6	13·0	45·0	9·5	70	35	2	8	1	—	—	—	—
August	34·0	17·4	40·2	13·2	42·5	10·2	74	37	2	14	1	—	—	—	—
September	30·3	16·1	37·5	11·5	40·0	8·0	78	45	18	37	3	—	—	—	—
October	24·2	13·0	31·5	7·3	36·8	3·3	81	55	48	42	6	—	—	—	—
November	18·5	9·1	23·7	3·8	28·5	0·0	88	66	53	67	7	—	—	—	—
December	14·1	5·8	18·7	0·3	22·8	−3·0	92	73	55	35	10	—	—	—	—
Year	23·4	11·3	41·9*	−1·5*	45·0	−4·6	81	53	428	67	69	—	—	—	—
No. of years	21	21	21	21	21	21	21	21	20	20	20	—	—	—	—

Porto/Serra do Pilar 41° 08′N 8° 36′W 95 m

Period 1931–60 Bibliography 50, 51, 52	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	13·2	4·7	18·0	−1·2	21·7	−4·1	87	69	159	95	18	141	48	9·9	5
February	14·2	5·0	20·2	−0·7	29·0	−3·8	84	65	112	56	15	163	54	11·2	3
March	16·3	7·5	23·1	2·1	28·5	−1·9	81	65	147	44	17	183	49	12·2	2
April	18·4	8·8	25·6	4·2	31·9	0·6	76	61	86	41	13	249	62	13·8	1
May	19·6	10·8	27·5	6·1	33·3	3·6	74	65	87	85	13	275	61	14·8	1
June	22·6	13·4	31·5	9·1	36·6	6·8	74	64	41	69	7	298	66	15·0	1
July	24·7	14·6	33·9	10·7	40·1	8·8	73	60	20	43	5	330	72	14·9	0
August	25·0	14·6	33·4	10·9	39·4	8·8	76	60	26	35	6	311	73	14·2	0
September	23·7	13·6	30·9	9·0	37·2	5·6	80	63	51	71	10	238	64	12·8	1
October	20·8	10·8	27·7	4·8	34·4	1·5	82	64	105	61	15	194	56	11·6	2
November	16·7	7·8	21·6	2·2	25·7	−1·3	85	68	148	101	18	151	51	10·2	4
December	13·7	5·4	17·8	−0·3	21·9	−3·7	86	70	168	61	18	134	46	9·4	4
Year	19·1	9·8	35·8*	−2·4*	40·1	−4·1	80	64	1151	101	155	2667	60	15·0	24
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	13	13

Sagres 36° 59′N 8° 57′W 41 m

Period 1931–60 Bibliography 50, 51, 52	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	14·8	10·5	17·7	5·5	19·8	0·4	82	78	63	60	12	155	50	—	—
February	15·1	10·6	18·1	6·4	24·5	0·5	81	76	47	50	10	177	58	—	—
March	16·3	11·8	19·6	8·7	22·0	5·0	83	78	61	62	12	207	56	—	—
April	17·9	12·4	22·2	9·4	27·0	3·5	82	77	38	92	8	257	65	—	—
May	19·2	13·9	23·6	11·0	30·7	8·5	83	78	24	37	6	299	68	—	—
June	20·8	15·5	26·8	13·1	30·1	9·0	88	81	5	32	3	318	72	—	—
July	21·5	16·2	28·6	13·8	35·5	9·8	89	81	2	22	2	339	76	—	—
August	21·7	16·5	27·7	14·3	32·0	12·0	90	81	1	20	2	326	77	—	—
September	21·8	16·6	26·7	13·5	31·0	9·5	88	79	14	37	5	256	69	—	—
October	20·6	15·8	24·6	11·6	28·0	9·0	84	78	46	58	8	224	64	—	—
November	17·8	13·5	21·1	9·6	24·5	0·6	82	78	60	57	11	172	56	—	—
December	15·5	11·4	18·6	6·7	22·0	2·5	80	76	56	40	12	166	55	—	—
Year	18·6	13·7	30·0*	3·9*	35·5	0·4	84	78	417	92	91	2896	65	—	—
No. of years	30	30	24	24	30	30	30	30	30	30	30	30	30	—	—

*Average of highest/lowest each year

PORTUGAL

Angra do Heroismo 38° 39′N 27° 14′W 90 m — Terceira—Açores

Period 1941–60 Bibliography 51, 52	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 1000	Average of observations at 1600	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	15·9	11·9	18·0	7·5	18·8	3·8	79	80	143	64	21	78	26	—	—
February	15·7	11·6	17·8	7·7	18·8	3·8	79	80	131	112	19	85	28	—	—
March	15·8	11·5	18·0	7·6	19·6	4·4	78	79	150	93	21	118	32	—	—
April	16·8	12·1	19·3	8·8	21·0	6·1	76	77	77	45	14	143	36	—	—
May	18·4	13·5	21·1	10·3	23·8	8·2	76	76	70	65	14	160	36	—	—
June	21·0	15·9	23·6	12·3	25·2	11·1	77	77	49	63	11	169	38	—	—
July	23·3	17·6	25·7	14·7	27·8	12·2	74	74	43	82	9	195	43	—	—
August	24·4	18·7	26·8	16·0	28·3	15·0	73	73	44	108	11	212	50	—	—
September	23·2	18·0	25·7	15·2	27·7	13·7	74	75	98	157	13	175	47	—	—
October	20·8	16·1	23·3	12·7	24·5	10·2	75	77	126	104	18	131	38	—	—
November	18·3	14·3	21·0	10·6	22·5	8·0	75	78	143	79	19	93	31	—	—
December	16·8	12·9	19·0	8·8	20·5	5·0	78	80	112	61	18	78	27	—	—
Year	19·2	14·5	26·9*	6·4*	28·3	3·8	76	77	1186	157	188	1637	37	—	—
No. of years	20	20	20	20	20	20	14	14	20	20	20	20	20	—	—

Corvo 39° 40′N 31° 07′W 28 m — Corvo—Açores

Period 1946–60 Bibliography 51, 52	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max	Absolute Min.	Average of observations at 1000	Average of observations at 1600	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	16·4	12·5	19·1	8·5	20·0	5·4	79	78	119	71	22	81	27	—	—
February	16·1	12·0	18·7	8·4	19·9	5·3	80	78	137	53	21	81	27	—	—
March	16·1	12·0	19·0	8·6	20·1	6·9	78	78	113	43	22	111	30	—	—
April	17·3	13·1	19·8	10·2	21·4	7·2	78	76	63	46	14	143	36	—	—
May	18·7	14·4	21·4	11·4	23·2	9·5	79	78	61	33	16	162	36	—	—
June	21·2	16·7	24·4	13·4	26·8	9·8	81	79	43	29	14	160	36	—	—
July	23·9	19·1	26·8	16·5	28·9	14·8	78	76	55	66	11	227	50	—	—
August	25·4	20·2	28·0	17·8	29·2	15·5	77	74	59	43	14	238	56	—	—
September	24·2	19·3	27·3	16·5	28·7	15·4	76	75	86	100	14	184	49	—	—
October	21·3	16·9	24·4	13·7	26·1	11·9	76	75	104	64	19	121	35	—	—
November	18·9	15·0	22·1	11·6	24·4	10·0	76	76	100	46	19	79	26	—	—
December	17·4	13·8	20·1	10·0	21·6	7·9	79	78	87	53	20	64	22	—	—
Year	19·7	15·4	28·1*	7·5*	29·2	5·3	78	77	1027	100	206	1651	37	—	—
No. of years	15	15	15	15	15	15	14	14	15	15	15	11	11	—	—

Horta 38° 31′N 28° 38′W 60 m — Faial—Açores

Period 1931–60 Bibliography 50, 51, 52	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 1000	Average of observations at 1600	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	16·6	12·2	19·0	8·2	21·2	3·2	81	80	125	121	20	88	29	—	—
February	16·6	12·0	18·9	8·1	20·9	3·5	80	80	105	65	17	99	32	—	—
March	16·8	11·8	19·3	8·1	21·2	5·8	80	79	122	85	20	125	34	—	—
April	17·8	12·6	20·6	9·5	23·0	4·9	78	77	69	69	15	151	38	—	—
May	19·5	14·0	22·6	11·0	24·3	9·3	79	77	70	72	15	177	40	—	—
June	22·2	16·3	25·4	13·5	28·0	11·0	80	78	48	30	11	175	40	—	—
July	24·8	18·4	27·9	16·0	30·5	14·0	77	74	32	40	9	231	51	—	—
August	26·2	19·5	29·1	17·3	31·0	16·0	76	74	44	47	11	236	56	—	—
September	24·6	18·6	27·9	16·0	30·2	14·1	76	75	81	83	14	193	52	—	—
October	21·8	16·6	25·1	13·5	28·0	10·4	77	77	110	159	16	145	42	—	—
November	19·2	14·6	22·4	11·4	24·5	8·7	78	78	109	81	18	103	34	—	—
December	17·6	13·3	20·1	9·5	21·7	3·8	80	80	113	131	19	83	28	—	—
Year	20·3	15·0	29·2*	6·6*	31·0	3·2	78	77	1028	159	185	1806	40	—	—
No. of years	30	30	27	27	30	30	30	30	30	30	30	30	30	—	—

*Average of highest/lowest each year

PORTUGAL

Ponta Delgada 37° 45′N 25° 40′W 35 m São Miguel—Açores

Period 1931–60 Bibliography 50, 51, 52	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	1030	1630							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	17·2	11·5	19·8	7·4	22·0	2·8	80	79	120	61	20	80	26	8·5	6
February	17·1	11·3	19·5	7·6	20·9	4·4	78	78	100	65	18	91	30	9·6	5
March	17·4	11·5	20·1	7·7	21·5	4·5	77	77	105	59	19	121	32	10·9	4
April	18·3	11·9	21·1	8·6	23·1	6·0	75	75	67	62	14	137	35	12·1	3
May	19·9	13·1	22·9	10·2	25·2	7·4	76	75	62	63	14	158	36	13·1	2
June	22·4	15·2	25·0	12·0	28·0	9·5	78	76	42	35	12	162	37	13·9	2
July	24·7	17·0	27·0	13·6	29·5	10·9	74	74	27	83	10	192	43	13·9	1
August	25·9	18·0	28·1	15·3	30·7	11·5	73	74	29	42	10	204	48	12·7	1
September	24·8	17·3	27·2	14·3	30·5	11·0	74	74	81	75	14	171	46	11·6	1
October	22·4	15·7	25·4	12·4	28·0	9·0	75	76	103	219	18	136	39	10·1	3
November	19·8	13·8	22·9	10·1	25·2	7·8	78	79	120	147	19	93	31	9·2	5
December	18·2	12·4	20·9	8·6	24·4	6·0	80	80	102	97	20	81	27	8·8	6
Year	20·7	14·1	28·5*	6·3*	30·7	2·8	76	76	958	219	188	1626	36	13·9	39
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	20	20

Santa Cruz 39° 27′N 31° 08′W 39 m Flores—Açores

Period 1931–60 Bibliography 50, 51, 52	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	1000	1600							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	16·8	12·3	19·8	7·7	21·2	2·9	79	79	181	71	23	69	23	—	—
February	16·6	12·2	19·4	7·6	21·3	3·5	80	80	159	62	20	79	26	—	—
March	16·8	12·0	19·8	7·5	21·9	5·0	78	77	163	130	23	105	28	—	—
April	17·6	12·9	20·8	9·1	22·4	3·2	77	77	108	47	17	125	31	—	—
May	19·2	14·4	22·5	10·9	24·2	7·7	77	77	84	56	16	145	33	—	—
June	22·0	16·8	25·5	13·6	28·0	9·9	78	78	71	64	14	157	35	—	—
July	24·4	19·1	27·8	16·5	29·5	14·4	76	76	58	71	12	199	44	—	—
August	26·0	20·3	29·2	17·7	31·1	15·1	76	76	78	54	14	207	49	—	—
September	24·4	19·1	28·2	16·3	30·3	13·0	76	77	112	79	16	162	43	—	—
October	21·8	17·1	25·3	13·4	28·5	8·0	76	77	119	64	19	111	32	—	—
November	19·3	14·9	22·7	10·9	25·0	7·5	77	78	139	115	20	79	26	—	—
December	18·0	13·6	20·9	9·6	23·3	6·5	79	80	158	59	22	63	21	—	—
Year	20·2	15·4	29·3*	5·9*	31·1	2·9	77	78	1430	130	216	1501	34	—	—
No. of years	30	30	27	27	30	30	30	30	30	30	30	30	30	—	—

Santa Maria/Aeroporto 36° 58′N 25° 10′W 100 m Santa Maria—Açores

Period 1947–60 Bibliography 52	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	1030	1630							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	16·6	12·1	19·0	8·5	19·9	6·7	80	78	108	115	17	93	30	—	—
February	16·6	11·7	18·6	8·1	19·8	5·1	77	75	80	38	15	97	32	—	—
March	17·0	12·1	19·4	7·9	20·8	6·4	76	74	79	40	17	134	36	—	—
April	17·8	12·4	19·8	9·5	20·6	7·6	73	72	49	59	11	165	42	—	—
May	19·8	14·2	22·4	11·1	25·4	10·1	73	72	49	56	11	194	44	—	—
June	22·0	16·3	24·2	13·1	25·5	12·0	74	73	28	22	9	207	47	—	—
July	24·1	18·2	26·1	15·4	27·3	13·0	72	70	22	38	7	233	52	—	—
August	25·2	19·2	27·3	16·3	28·5	14·2	71	70	38	36	9	243	58	—	—
September	24·6	18·5	26·8	15·6	28·4	14·6	72	71	44	71	9	201	54	—	—
October	22·2	17·0	24·7	13·7	25·8	11·5	75	75	77	83	14	157	45	—	—
November	19·4	14·6	22·3	11·1	24·3	9·7	75	76	105	70	15	110	36	—	—
December	17·5	13·1	19·7	8·9	21·2	7·4	78	78	57	50	15	94	31	—	—
Year	20·2	14·9	27·4*	6·9*	28·5	5·1	75	74	736	115	149	1928	43	—	—
No. of years	14	14	14	14	14	14	14	14	14	14	14	12	12	—	—

*Average of highest/lowest each year

ROMANIA

Arad 46°10′N 21°19′E 116 m

Period 1931–60 Bibliography 53	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at all hours	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	1·6	−5·4	9·6	−15·9	16·2	−27·4	84	36	25	11	53	19	8·3	17
February	4·5	−3·6	13·3	−14·2	17·2	−30·1	80	34	27	11	80	27	10·1	10
March	11·0	0·6	21·1	−6·9	25·8	−14·2	68	35	45	11	124	34	11·5	8
April	17·3	5·3	25·5	−2·4	32·8	−5·4	62	46	53	10	144	36	12·1	7
May	22·3	10·0	29·5	2·5	34·2	−1·7	63	64	48	12	236	51	14·2	3
June	25·7	13·2	32·4	7·1	37·7	2·2	63	68	46	11	259	55	15·4	1
July	28·1	14·6	34·8	9·1	39·7	6·5	59	54	54	9	276	58	14·9	2
August	27·9	14·4	35·0	8·8	40·4	5·1	60	43	58	8	278	63	13·3	1
September	24·2	10·9	31·3	3·5	39·6	−1·6	62	41	46	7	209	55	12·1	2
October	17·3	5·9	25·8	−1·7	32·0	−7·7	72	44	44	9	168	49	10·8	3
November	9·9	2·7	18·3	−5·1	22·7	−10·7	81	52	39	12	67	23	8·8	13
December	5·0	−1·5	13·9	−11·0	18·4	−23·0	84	41	22	12	59	22	8·1	14
Year	16·2	5·6	35·9*	−19·6*	40·4	−30·1	70	558	58	123	1953	44	15·4	81
No. of years	28	28	28	28	28	28	28	30	30	30	8	8	8	8

București (Bucharest)/Băneasa 44°30′N 26°05′E 92 m

Period 1932–60 Bibliography 53	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at all hours	Average monthly fal	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	0·9	−7·0	9·1	−17·6	15·5	−32·2	87	46	31	11	65	23	8·6	16
February	3·5	−5·1	12·2	−15·3	20·2	−26·2	84	26	18	9	85	29	10·2	11
March	9·8	−0·9	21·0	−8·6	29·0	−18·8	73	28	19	9	150	41	11·2	7
April	17·9	4·8	26·2	−1·4	31·7	−3·9	63	59	34	11	191	47	12·9	5
May	23·4	10·3	30·8	3·8	36·9	0·3	63	77	31	13	242	53	14·4	3
June	27·3	13·7	33·9	8·6	37·2	4·5	62	121	81	12	272	58	15·2	2
July	29·8	15·8	35·6	11·4	39·0	7·9	58	53	37	10	326	69	14·8	1
August	29·7	15·0	35·6	10·3	41·1	6·5	59	45	32	7	301	69	13·6	1
September	25·3	11·1	32·2	4·2	38·6	0·3	63	45	41	5	233	62	12·3	2
October	18·1	6·0	27·0	−0·9	35·2	−5·9	73	29	37	7	161	47	10·8	6
November	9·6	1·5	18·8	−6·0	23·5	−14·2	85	36	19	12	73	25	10·2	14
December	3·8	−3·1	13·1	−12·0	18·4	−22·5	89	27	23	10	60	22	8·2	16
Year	16·6	5·2	36·8*	−20·4*	41·1	−32·2	72	592	81	116	2159	48	15·2	84
No. of years	29	29	29	29	29	29	29	6	6	6	26	26	26	26

Calafat 43°59′N 22°56′E 73 m

Period 1940–60 Bibliography 53	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at all hours	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	1·2	−5·1	10·6	−14·7	17·7	−29·2	85	45	38	11	65	23	8·4	16
February	4·4	−2·9	13·2	−12·7	20·6	−24·6	79	34	23	9	90	30	9·9	12
March	10·1	0·8	21·5	−5·8	27·6	−14·8	72	37	33	9	117	32	10·7	13
April	18·4	7·2	25·6	0·7	29·6	−3·0	65	46	30	10	169	42	12·2	5
May	23·8	11·9	31·2	5·9	36·3	1·6	66	58	57	12	229	50	12·9	3
June	27·5	15·5	33·8	11·1	36·8	9·0	63	78	194	10	272	59	13·1	2
July	30·5	17·4	36·7	13·5	40·4	11·3	58	40	67	7	305	65	13·2	1
August	30·4	16·8	36·6	12·1	41·3	9·0	59	33	57	6	296	68	13·8	1
September	25·6	13·0	32·7	7·0	37·6	4·0	64	31	39	6	207	55	11·6	4
October	17·1	7·3	26·2	0·8	31·0	−2·0	76	46	33	8	153	45	10·3	8
November	8·7	2·9	17·2	−3·9	23·2	−13·5	86	58	43	12	54	19	8·6	18
December	4·0	−1·7	13·5	−9·2	18·2	−21·8	87	57	44	12	56	20	8·0	18
Year	16·8	6·9	37·3*	−17·4*	41·3	−29·2	72	563	194	112	2013	45	13·8	101
No. of years	21	21	21	21	21	21	21	21	21	21	7	7	7	7

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*Average of highest/lowest each year

ROMANIA

Caransebeş 45° 25′N 22° 13′E 230 m

Period 1931–39 1944–60 Bibliography 53	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at all hours	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	3·5	−3·9	11·7	−14·5	16·6	−23·0	83	48	33	12	69	24	8·7	13
February	4·7	−3·6	13·3	−14·5	19·0	−26·2	79	49	29	12	83	28	10·1	10
March	11·1	0·9	21·5	−6·8	27·7	−17·2	70	36	37	10	145	39	11·7	7
April	16·5	5·6	24·2	−1·0	30·7	−3·8	65	54	29	12	161	40	12·4	4
May	22·1	10·0	29·3	2·8	34·0	−1·5	66	88	67	14	213	46	13·9	3
June	25·1	12·8	31·6	7·1	36·5	4·0	68	95	50	13	240	51	14·1	1
July	27·7	14·8	34·4	10·0	38·5	7·4	65	74	40	10	286	60	14·3	1
August	27·2	14·0	33·6	8·4	37·9	5·6	65	74	59	9	279	64	14·0	1
September	23·5	10·7	30·2	3·4	33·2	−0·4	66	47	38	7	231	61	12·6	1
October	17·6	6·3	25·8	−1·0	34·0	−3·9	72	51	33	9	174	51	10·7	4
November	10·6	2·6	18·4	−5·6	22·5	−11·9	77	55	33	12	81	28	8·7	11
December	5·8	−1·1	14·3	−10·0	18·9	−18·0	80	49	32	12	72	27	8·2	13
Year	16·3	5·8	37·0*	−18·8*	38·5	−26·2	71	720	67	132	2034	46	14·3	69
No. of years	21	21	21	21	21	21	21	24	24	24	10	10	10	10

Ceahlău 47° 02′N 25° 57′E 465 m

Period 1948–60 Bibliography 53	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at all hours	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	1·4	−8·3	10·0	−20·0	13·0	−30·5	79	26	18	9	—	—	—	—
February	2·8	−7·8	12·2	−20·6	17·8	−28·9	79	36	40	10	—	—	—	—
March	7·5	−4·5	19·5	−14·0	23·5	−24·4	74	18	14	9	—	—	—	—
April	14·5	1·4	23·5	−4·8	30·0	−7·2	72	45	39	10	—	—	—	—
May	19·6	6·6	27·9	0·2	33·3	−1·6	72	80	37	16	—	—	—	—
June	23·0	10·3	30·2	3·7	34·0	0·6	72	115	82	16	—	—	—	—
July	25·4	11·4	31·8	6·6	34·6	4·0	73	84	39	15	—	—	—	—
August	25·3	10·5	32·0	5·3	36·4	2·2	76	72	36	11	—	—	—	—
September	20·9	6·3	27·7	−0·9	30·2	−3·4	79	39	24	8	—	—	—	—
October	15·1	1·9	23·8	−5·5	31·6	−8·6	79	31	26	8	—	—	—	—
November	7·0	−1·4	15·2	−10·2	20·9	−18·4	84	36	26	9	—	—	—	—
December	3·2	−5·3	11·6	−15·6	15·6	−26·4	84	21	22	9	—	—	—	—
Year	13·8	1·8	33·5*	−23·4*	36·4	−30·5	77	603	82	130	—	—	—	—
No. of years	13	13	13	13	13	13	13	13	13	13	—	—	—	—

Cluj 46° 46′N 23° 36′E 315 m

Period 1931–40 1946–60 Bibliography 53	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at all hours	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	−0·1	−7·8	7·3	−19·0	13·6	−30·0	87	28	25	11	64	23	8·1	12
February	2·3	−6·4	10·2	−18·2	16·7	−28·9	82	34	26	11	88	30	9·9	7
March	9·5	−1·5	19·8	−9·9	25·4	−22·0	70	27	23	10	170	46	12·0	4
April	15·5	3·6	23·6	−3·4	30·2	−6·5	65	47	35	13	176	43	12·8	4
May	21·4	8·7	28·1	1·8	31·7	−2·9	66	75	26	14	222	48	14·7	2
June	24·1	12·0	30·4	5·9	34·7	0·4	68	80	68	14	233	49	14·4	1
July	26·7	13·5	33·6	8·7	36·8	5·4	63	80	40	11	286	60	14·6	1
August	25·6	12·6	32·5	7·7	38·0	4·7	67	83	45	12	271	61	14·2	1
September	21·8	8·4	29·3	0·6	38·4	−3·0	69	37	30	9	209	55	12·3	1
October	15·9	3·8	24·3	−3·4	32·6	−7·5	75	42	31	10	163	48	10·4	3
November	8·1	0·3	15·7	−7·7	19·7	−22·3	83	34	26	11	80	28	9·0	9
December	2·5	−3·7	11·5	−14·9	16·3	−26·5	87	31	15	12	54	20	7·7	13
Year	14·4	3·6	34·4*	−22·4*	38·4	−29·8	73	598	68	11	2016	45	14·7	58
No. of years	24	24	24	24	24	24	24	24	24	23	13	13	11	13

*Average of highest/lowest each year

ROMANIA

Constanța 44° 11′N 28° 40′E 32 m

Period 1931–60 Bibliography 53	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at all hours	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	3·0	−3·7	10·9	−12·6	16·7	−23 4	89	29	37	10	81	28	8·7	12
February	4·3	−2·5	13·3	−10·7	19·5	−17·7	87	23	27	8	102	35	9·7	8
March	7·9	0·6	19·8	−5·9	30·5	−12·8	83	21	30	7	135	37	11·0	8
April	13·2	5·7	21·8	0·3	29·6	−5·0	82	28	28	7	188	47	12·3	4
May	18·7	11·1	26·5	5·8	34·3	1·8	81	35	38	8	236	52	13·8	2
June	23·7	15·6	29·4	10·6	36·0	5·5	78	41	98	8	292	63	14·8	1
July	27·0	17·6	31·8	13·0	34·7	8·3	73	35	112	5	342	73	14·5	0
August	26·5	17·3	31·1	12·1	34·6	8·0	75	31	112	4	320	74	13·2	0
September	22·6	13·8	28·0	7·1	32·0	−0·6	79	24	51	4	240	64	12·1	2
October	17·4	9·2	24·3	1·6	29·4	−3·9	84	38	52	6	166	49	10·6	4
November	10·7	4·3	18·7	−3·6	24·4	−10·5	89	40	46	10	82	28	9·0	11
December	5·9	−0·5	14·3	−9·0	20·6	−16·2	90	34	35	9	74	27	8·7	14
Year	15·1	7·3	32·9*	−14·8*	36·0	−23·4	83	379	112	86	2258	51	14·8	66
No. of years	27	27	27	27	27	27	27	30	30	30	14	14	14	14

Craiova 44° 19′N 23° 48′E 78 m

Period 1931–60 Bibliography 53	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at all hours	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	0·9	−6·6	8·8	−16·8	15·7	−30·5	85	37	29	10	64	22	8·7	15
February	3·8	−4·6	12·9	−15·9	21·4	−27·4	81	26	38	8	95	32	10·0	10
March	10·1	−0·2	20·8	−8·0	28·4	−19·4	72	29	27	8	132	36	11·2	10
April	18·2	5·8	26·0	−0·8	31·5	−4·4	62	40	50	9	194	48	12·4	3
May	23·4	10·6	30·4	3·9	35·3	−2·0	63	64	53	12	242	53	13·8	2
June	27·5	14·3	33·9	9·1	37·8	6·0	61	74	52	10	266	57	14·6	1
July	30·5	16·0	36·5	11·1	40·4	7·5	56	47	41	7	313	67	14·1	0
August	30·2	15·5	36·1	10·4	40·8	7·2	58	45	77	7	301	69	13·6	1
September	25·4	11·5	32·8	4·5	40·1	−2·0	62	25	41	5	226	60	12·1	2
October	17·7	6·1	26·6	−0·9	34·4	−3·9	72	40	38	8	162	47	10·3	6
November	9·3	1·9	17·2	−5·2	22·7	−13·5	84	41	38	11	72	25	9·0	13
December	3·6	−3·1	12·5	−12·2	18·4	−24·1	87	41	53	11	61	22	8·0	17
Year	16·7	5·6	37·3*	−21·0*	40·8	−30·5	70	509	77	106	2128	48	14·6	80
No. of years	30	30	30	30	30	30	30	29	29	29	19	19	14	19

Dorohoi 47° 58′N 26° 23′E 180 m

Period 1931–60 Bibliography 53	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at all hours	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	−1·0	−8·8	8·6	−20·7	15·4	−32·5	78	26	26	9	64	23	8·3	13
February	0·8	−7·4	10·2	−19·8	19·0	−32·5	77	28	38	10	70	24	9·0	10
March	6·4	−3·2	17·7	−12·1	22·5	−21·0	69	23	42	8	135	37	10·6	7
April	14·8	3·2	24·0	−3·3	30·0	−6·6	61	36	30	9	165	40	12·4	5
May	21·0	8·0	29·0	1·6	34·9	−3·5	59	64	58	10	221	47	13·5	2
June	24·9	11·6	31·7	5·9	36·0	2·0	61	81	62	11	239	50	14·0	2
July	27·4	13·6	33·8	9·3	37·0	7·5	58	56	60	10	270	56	13·8	1
August	26·6	12·7	33·6	8·4	37·8	5·0	60	68	59	9	262	59	12·8	1
September	22·1	8·4	28·8	1·3	37·4	−3·0	63	43	48	7	191	50	11·6	2
October	14·5	3·1	24·3	−4·3	31·7	−8·7	72	38	48	8	133	39	9·9	6
November	7·0	−0·8	14·8	−8·8	20·5	−17·0	80	38	37	9	58	21	8·1	14
December	1·9	−5·0	11·2	−16·5	16·0	−30·0	82	27	23	10	53	20	7·9	14
Year	13·9	2·9	35·1*	−24·2*	37·8	−32·5	68	528	62	110	1861	42	14·0	77
No. of years	28	28	28	28	28	28	28	29	29	29	13	13	8	13

*Average of highest/lowest each year

ROMANIA

Galaţi 45° 27′N 28° 08′E 63 m

Period 1931–60 Bibliography 53	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at all hours	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						per cent	millimetres			hours		hours	
January	0·2	−6·1	8·3	−15·7	17·0	−26·5	86	26	42	8	71	25	8·6	14
February	2·4	−4·9	11·0	−14·4	18·6	−25·1	82	26	59	8	88	30	10·1	10
March	8·2	−0·4	19·3	−7·8	27·8	−16·6	73	21	21	7	150	41	11·7	8
April	16·2	5·7	24·3	−0·5	31·1	−4·4	65	43	44	8	186	46	12·6	5
May	22·2	11·3	29·0	4·7	36·2	−0·1	64	45	59	8	240	52	13·9	2
June	26·0	15·0	32·0	9·6	35·6	5·4	63	66	74	10	260	56	15·3	1
July	28·8	16·9	34·2	12·0	37·4	7·6	61	44	58	7	320	67	15·4	0
August	28·4	16·2	34·2	10·5	38·4	6·6	62	36	69	6	301	69	13·3	1
September	23·7	12·1	30·2	5·2	35·4	1·0	68	25	47	4	232	61	12·9	1
October	16·8	6·9	25·1	−0·8	33·5	−5·5	75	32	47	6	170	50	10·9	4
November	8·8	2·0	17·7	−6·2	22·6	−17·4	83	37	40	7	65	23	8·8	10
December	2·9	−2·9	11·9	−12·0	20·0	−20·0	87	34	33	10	63	23	8·0	14
Year	15·4	6·0	35·3*	−18·6*	38·4	−26·5	72	435	74	89	2146	48	15·4	70
No. of years	30	30	30	30	30	30	30	30	30	30	13	13	8	13

Iaşi (Jassy) 47° 10′N 27° 36′E 104 m

Period 1931–60 Bibliography 53	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at all hours	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						per cent	millimetres			hours		hours	
January	−0·4	−7·8	8·5	−18·7	15·4	−29·0	83	31	31	10	72	26	9·1	15
February	1·7	−6·1	10·6	−17·6	18·2	−30·0	81	31	23	11	75	26	9·9	10
March	7·6	−2·0	18·9	−10·5	25·5	−22·7	71	21	34	8	140	38	11·6	7
April	16·1	4·2	25·2	−2·4	31·5	−7·0	62	37	67	9	175	43	12·7	4
May	22·5	9·7	29·7	2·8	36·4	−2·1	61	50	39	11	229	49	14·0	2
June	25·8	13·4	32·4	7·5	36·9	3·5	62	73	83	12	266	56	14·7	2
July	28·4	15·4	35·0	10·6	39·0	8·5	60	62	111	10	299	62	15·2	1
August	27·6	14·5	34·4	9·3	39·6	6·0	63	65	51	9	278	63	13·8	1
September	22·9	10·4	30·1	2·7	38·0	−1·0	66	36	41	7	205	54	12·7	2
October	15·7	5·2	24·8	−2·7	34·0	−6·7	73	35	55	8	147	43	10·9	5
November	7·8	0·7	16·8	−7·8	21·1	−18·0	81	39	37	10	62	22	10·0	14
December	2·2	−4·1	11·7	−14·9	18·2	−29·5	85	29	21	11	60	23	8·1	14
Year	14·8	4·5	35·7*	−22·3*	39·6	−30·0	71	509	111	116	2008	45	15·2	57
No. of years	30	30	30	30	30	30	30	30	30	30	13	13	8	13

Satu-Mare 47° 48′N 22° 53′E 132 m

Period 1935–40 1946–60 Bibliography 53	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at all hours	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						per cent	millimetres			hours		hours	
January	1·5	−5·7	9·0	−17·1	12·8	−27·8	85	43	22	13	66	24	8·9	14
February	3·6	−4·4	11·5	−14·0	16·6	−25·4	82	45	26	12	74	26	10·1	11
March	10·1	−0·4	20·2	−7·8	25·8	−13·6	70	31	21	10	163	44	11·6	5
April	17·1	4·8	25·6	−2·7	30·7	−6·4	64	43	24	11	182	45	12·8	4
May	22·3	9·8	29·3	2·3	32·6	−1·5	66	62	70	12	236	50	14·2	2
June	25·2	13·0	31·2	6·8	34·0	3·6	69	88	59	12	249	52	14·3	1
July	27·4	14·7	33·8	9·8	36·6	7·3	66	67	119	10	284	59	14·4	1
August	27·2	14·1	34·3	8·8	39·4	6·6	68	71	123	9	270	61	13·3	1
September	23·3	10·2	30·6	2·4	37·3	0·3	69	35	59	8	213	56	12·2	2
October	16·4	4·4	24·4	−3·0	27·5	−9·0	75	40	39	8	163	48	11·0	3
November	9·2	2·1	17·4	−6·0	20·6	−17·4	83	51	19	12	79	28	9·0	13
December	4·5	−1·4	12·5	−10·1	16·0	−19·4	86	58	29	13	53	20	7·8	17
Year	15·7	5·1	35·2*	−19·4*	39·4	−27·8	74	634	123	130	2032	45	14·4	74
No. of years	15	15	15	15	15	15	15	21	21	21	11	11	11	11

*Average of highest/lowest each year

ROMANIA

Sibiu 45° 47′N 24° 09′E 407 m

Period 1931–60 Bibliography 53	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at all hours	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	0·2	−8·2	8·7	−20·3	15·0	−30·4	86	30	27	11	69	24	8·7	12
February	2·8	−6·0	10·7	−18·8	19·0	−29·4	81	30	30	11	89	31	9·5	7
March	8·7	−1·3	19·1	−10·6	30·6	−22·5	73	30	24	10	151	41	11·6	5
April	15·1	4·0	23·3	−2·9	30·1	−6·7	69	59	67	12	167	41	12·8	5
May	20·4	8·8	28·1	2·3	31·4	−1·4	71	76	42	16	200	43	14·6	3
June	23·5	12·0	30·3	6·4	33·8	2·6	73	113	71	15	216	46	14·3	2
July	26·1	13·6	33·0	8·9	36·4	5·6	72	82	61	11	263	55	14·0	1
August	25·6	12·9	32·5	7·8	37·4	4·5	72	69	61	11	255	58	13·8	2
September	21·7	9·1	28·9	2·2	36·2	−3·4	74	48	33	9	212	56	12·3	1
October	15·5	4·1	24·4	−2·6	32·5	−7·5	78	47	37	10	162	48	10·0	4
November	8·1	0·2	16·9	−7·8	23·6	−20·0	82	33	43	10	84	29	8·9	9
December	2·7	−4·4	11·7	−15·1	19·3	−29·3	85	30	19	11	67	25	7·7	12
Year	14·2	3·7	33·7*	−23·9*	37·4	−30·4	76	647	71	137	1935	43	14·6	63
No. of years	30	30	30	30	30	30	30	30	30	30	13	13	13	13

Sulina 45° 09′N 29° 40′E 2 m

Period 1931–60 Bibliography 53	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at all hours	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	3·2	−3·9	11·2	−12·8	18·0	−24·7	87	32	75	7	57	20	9·8	18
February	4·0	−3·2	12·3	−11·5	19·0	−20·2	85	27	24	7	86	29	10·8	11
March	7·2	0·2	17·1	−6·4	25·9	−11·5	83	18	19	5	137	37	12·3	10
April	13·6	6·4	21·1	1·3	28·0	−2·0	79	28	29	6	192	47	13·9	5
May	19·8	12·2	26·8	7·0	32·4	3·2	78	32	86	7	272	59	15·3	2
June	24·6	16·3	30·1	11·8	34·0	7·4	75	39	74	6	299	64	15·0	1
July	27·8	18·2	32·6	14·0	36·0	9·3	74	22	38	4	358	76	15·0	0
August	26·9	17·5	31·4	12·9	37·5	5·4	77	39	104	4	330	76	14·2	1
September	22·8	13·3	28·3	7·0	32·5	2·0	79	23	43	3	251	67	13·2	2
October	16·9	8·4	23·3	1·3	27·0	−8·3	82	32	100	5	162	47	12·5	6
November	10·5	3·7	17·9	−4·2	22·0	−10·6	86	35	35	6	7	25	9·7	13
December	5·6	−0·9	13·4	−9·6	19·2	−16·8	87	30	38	7	58	21	8·4	15
Year	15·2	7·3	33·0*	−15·7*	37·5	−24·7	81	357	104	67	2275	51	15·3	84
No. of years	28	28	28	28	28	28	28	28	28	26	20	20	20	20

Tîrgu-Secuesc 46° 00′N 26° 08′E 573 m

Period 1948–60 Bibliography 53	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at all hours	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	0·7	−8·1	9·8	−19·0	11·3	−23·3	89	22	22	12	81	29	8·5	9
February	1·9	−7·5	10·6	−18·1	15·1	−22·3	86	24	21	10	85	29	9·3	7
March	6·8	−3·5	18·9	−12·4	23·4	−15·9	75	15	9	9	164	45	11·8	3
April	12·9	1·2	22·5	−5·6	27·6	−9·4	68	36	25	11	151	37	12·3	4
May	19·4	6·7	26·6	−0·3	32·6	−2·1	69	76	36	15	203	44	13·6	2
June	22·3	9·6	29·3	3·6	33·0	−0·4	75	89	49	15	188	40	13·1	2
July	24·7	11·3	31·3	6·7	33·4	4·5	75	87	67	12	257	54	13·3	0
August	24·6	10·8	31·5	4·9	36·4	3·1	73	57	44	10	247	56	13·0	1
September	19·6	5·8	26·5	−1·0	31·0	−4·0	73	46	57	8	200	53	11·9	2
October	16·1	2·1	23·9	−5·0	26·3	−6·8	78	26	33	7	179	53	10·3	3
November	7·9	1·7	17·9	−11·3	23·6	−17·0	85	26	19	10	100	35	9·0	6
December	3·4	−4·8	12·5	−13·3	16·5	−20·0	90	20	24	9	63	23	7·1	10
Year	13·4	2·1	32·7*	−20·6*	36·4	−23·3	78	524	67	128	1918	43	13·6	49
No. of years	6	6	6	6	6	6	6	13	13	13	6	6	6	6

*Average of highest/lowest each year

SPAIN

Alicante 38°22′N 0°30′W 81 m

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	15·7	5·9	22·7	0·9	28·0	−5·0	72	57	30	120	5	182	60	—	—
February	17·2	6·3	23·5	1·3	28·6	−4·6	72	56	20	55	4	192	63	—	—
March	19·4	8·2	25·7	3·6	30·6	−1·0	73	56	18	40	6	222	60	—	—
April	21·3	10·5	27·0	6·3	31·8	4·0	71	57	40	57	6	262	66	—	—
May	24·4	13·3	29·8	8·8	35·1	4·8	69	57	31	55	6	307	69	—	—
June	28·3	17·0	32·7	13·2	35·2	10·2	68	57	12	47	3	333	75	—	—
July	31·1	19·8	36·0	16·7	41·3	14·2	67	57	4	25	1	362	80	—	—
August	31·5	20·4	36·3	16·9	40·4	14·4	71	58	14	98	2	331	78	—	—
September	29·0	18·2	33·8	14·0	38·4	8·0	75	60	46	61	5	252	67	—	—
October	24·5	14·3	29·4	8·9	36·2	4·0	75	58	52	82	7	210	60	—	—
November	20·3	10·4	25·6	5·4	30·6	2·2	75	57	36	65	6	180	59	—	—
December	17·0	7·5	22·0	2·5	24·4	−1·6	72	56	25	47	6	176	60	—	—
Year	23·3	12·7	37·3*	−0·2*	41·3	−5·0	72	57	328	120	57	3009	68	—	—
No. of years	26	26	26	26	26	26	20	20	26	26	26	11	11	—	—

Almería 36°50′N 2°28′W 6 m

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	15·6	8·0	19·1	4·2	22·6	1·9	78	70	31	52	6	184	60	—	—
February	16·1	8·5	20·2	4·5	25·7	0·2	78	70	21	24	4	184	60	—	—
March	17·8	10·5	22·6	6·5	26·6	2·6	78	68	21	60	5	217	59	—	—
April	19·8	12·5	25·2	8·9	29·7	5·3	78	67	28	54	5	258	65	—	—
May	22·0	14·9	29·4	10·9	34·8	8·4	77	67	18	42	3	312	71	—	—
June	25·7	18·3	32·2	14·8	35·9	12·7	77	67	4	25	1	329	75	—	—
July	28·5	20·9	34·6	17·4	37·7	14·6	77	67	<1	2	<1	359	80	—	—
August	29·1	21·6	34·5	18·1	37·4	15·5	79	68	6	41	1	334	79	—	—
September	27·1	19·9	32·6	15·8	36·0	10·1	79	68	16	98	3	264	71	—	—
October	22·9	15·8	27·5	11·4	31·5	7·6	79	68	25	58	5	221	63	—	—
November	19·2	12·0	23·2	8·2	26·7	4·5	79	70	27	74	4	179	58	—	—
December	16·6	9·2	19·6	5·2	25·3	2·5	77	70	36	59	5	168	56	—	—
Year	21·7	14·3	35·7*	3·3*	37·7	0·2	78	68	233	98	42	3009	68	—	—
No. of years	27	27	27	27	27	27	21	21	27	27	27	11	11	—	—

Avila 40°39′N 4°42′W 1128 m

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·7	−1·9	14·7	−9·9	18·5	−20·4	87	69	22	33	6	135	45	—	—
February	8·2	−1·0	15·6	−7·2	21·0	−12·4	86	63	13	16	4	154	51	—	—
March	11·4	1·5	19·2	−5·0	24·2	−9·2	81	56	29	31	8	189	51	—	—
April	14·1	3·2	21·3	−1·9	26·2	−5·0	75	50	37	41	8	233	58	—	—
May	17·4	6·2	25·7	0·0	31·5	−4·2	74	46	62	61	9	282	63	—	—
June	22·9	10·2	30·4	4·0	37·5	1·0	67	40	36	56	6	306	68	—	—
July	27·6	12·8	34·1	7·2	36·8	3·0	59	31	13	32	2	378	82	—	—
August	26·8	12·6	33·0	7·0	36·0	4·8	64	34	19	63	3	345	81	—	—
September	22·5	10·2	29·9	3·7	33·8	0·0	73	44	36	50	6	254	68	—	—
October	15·6	5·5	22·4	−0·4	26·1	−5·0	82	58	33	45	7	192	56	—	—
November	10·4	1·6	16·3	−4·0	22·4	−8·0	87	63	36	37	7	146	49	—	—
December	7·2	0·2	13·6	−6·1	18·0	−10·5	87	73	35	28	8	125	43	—	—
Year	15·9	5·1	34·6*	−10·9*	37·5	−20·4	77	52	371	63	74	2739	61	—	—
No. of years	21	21	21	21	21	21	15	12	21	21	21	8	8	—	—

*Average of highest/lowest each year

SPAIN

Badajoz 38° 53′N 6° 58′W 203 m

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						per cent		millimetres			hours		hours	
January	13·1	4·4	18·1	−1·4	21·3	−4·6	91	71	61	47	10	153	51	—	—
February	15·2	5·1	20·7	0·8	28·6	−4·8	88	62	50	73	8	176	58	—	—
March	17·9	7·5	24·5	2·8	28·4	−1·0	87	58	64	61	11	188	51	—	—
April	21·1	9·6	27·8	5·3	33·9	2·6	83	50	46	34	8	263	66	—	—
May	24·3	11·9	32·0	7·2	39·2	4·6	80	46	43	67	8	297	67	—	—
June	30·2	15·7	37·5	10·9	41·4	7·1	72	38	18	63	3	351	79	—	—
July	34·1	17·8	41·1	13·5	45·0	11·4	67	31	3	13	1	395	87	—	—
August	33·3	17·9	39·3	13·7	42·4	11·0	69	33	5	24	1	361	85	—	—
September	29·7	16·2	36·7	11·8	42·0	9·0	76	41	25	49	4	274	73	—	—
October	23·5	12·3	30·4	6·5	35·8	2·8	83	51	52	48	7	220	63	—	—
November	17·5	8·0	22·7	2·5	26·8	−2·7	90	64	62	85	9	162	53	—	—
December	13·5	5·1	17·8	−0·6	20·5	−4·8	92	72	62	77	10	142	48	—	—
Year	22·8	11·0	41·6*	−2·7*	45·0	−4·8	81	51	491	85	80	2982	67	—	—
No. of years	27	27	27	27	27	27	21	21	27	27	27	11	11	—	—

Barcelona 41° 24′N 2° 09′E 93 m

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						per cent		millimetres			hours		hours	
January	12·7	6·3	18·1	1·2	22·8	−2·4	74	61	31	63	5	155	53	—	—
February	13·7	7·1	18·4	1·9	21·4	−6·7	71	58	39	143	5	164	55	—	—
March	15·6	8·9	20·6	4·2	24·3	0·8	75	60	48	53	8	177	48	—	—
April	18·2	11·0	23·5	7·4	27·8	3·9	73	59	43	31	9	221	55	—	—
May	21·4	14·0	26·8	9·5	32·2	4·8	72	59	54	76	8	252	56	—	—
June	25·4	18·1	30·4	14·2	34·5	11·0	68	59	37	51	6	282	62	—	—
July	27·9	20·7	32·2	17·7	35·4	14·3	70	59	27	65	4	314	68	—	—
August	27·7	20·8	32·1	17·1	36·1	13·2	75	63	49	70	6	287	67	—	—
September	25·0	18·7	29·1	14·3	31·9	10·4	79	66	76	107	7	200	53	—	—
October	20·5	14·5	24·7	8·6	27·9	5·0	77	64	86	94	9	168	49	—	—
November	16·4	10·5	21·2	6·1	24·5	2·8	75	64	52	70	6	142	48	—	—
December	13·1	7·5	17·6	2·7	20·9	−2·5	72	62	45	92	6	125	44	—	—
Year	19·8	13·2	33·0*	−0·4*	36·1	−6·7	73	61	587	143	79	2487	56	—	—
No. of years	27	27	27	27	27	27	21	21	27	27	27	11	11	—	—

Burgos 42° 20′N 3° 42′W 854 m

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						per cent		millimetres			hours		hours	
January	5·7	−0·6	12·9	−8·2	19·0	−18·0	93	83	48	26	10	81	27	—	—
February	7·8	0·1	15·3	−5·7	24·0	−11·4	92	75	39	40	8	125	42	—	—
March	12·0	2·2	20·0	−3·5	24·2	−8·6	88	63	53	27	12	166	45	—	—
April	14·5	4·0	23·3	−1·2	29·0	−3·4	85	53	47	32	11	223	56	—	—
May	17·8	6·7	26·5	0·7	32·2	−3·8	82	54	59	48	11	260	58	—	—
June	22·4	10·2	30·8	4·9	35·4	0·4	80	52	52	63	8	284	62	—	—
July	26·1	12·2	34·2	7·6	37·4	4·2	78	48	28	36	5	359	78	—	—
August	25·3	12·2	33·3	7·3	37·0	5·0	81	50	27	40	5	317	74	—	—
September	22·1	10·5	30·3	5·1	33·8	2·6	85	57	46	35	7	229	61	—	—
October	16·0	6·7	22·9	0·7	28·0	−1·6	90	67	54	51	11	170	49	—	—
November	10·2	2·9	16·5	−3·0	21·0	−7·0	91	75	50	48	12	108	36	—	—
December	6·5	0·6	12·3	−5·0	19·2	−7·8	93	83	57	38	13	72	25	—	—
Year	15·5	5·6	35·1*	−9·3*	37·4	−18·0	87	63	560	63	113	2394	54	—	—
No. of years	25	25	25	25	25	25	19	16	25	25	25	11	11	—	—

*Average of highest/lowest each year

SPAIN

Cabo Bagur 41°57′N 3°15′E 110 m

Period 1934–35 1950–60	Temperature						Relative humidity		Precipitation			Bright sunshine			
Bibliography 54, 55	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	13·5	5·8	20·7	1·5	22·5	−3·0	—	—	28	33	5	—	—	—	—
February	13·9	6·2	20·9	0·2	25·0	−10·0	—	—	27	54	6	—	—	—	—
March	15·9	8·0	21·7	3·7	26·0	−1·0	—	—	48	57	7	—	—	—	—
April	17·1	9·3	22·7	5·3	26·6	0·8	—	—	40	55	8	—	—	—	—
May	20·4	13·1	25·9	8·2	30·2	5·2	—	—	35	27	7	—	—	—	—
June	23·9	16·6	29·9	12·1	33·5	8·0	—	—	31	44	6	—	—	—	—
July	27·0	19·0	32·0	14·5	36·3	10·0	—	—	13	17	4	—	—	—	—
August	26·5	18·7	31·0	14·2	33·2	10·4	—	—	44	44	5	—	—	—	—
September	25·0	16·7	30·5	12·5	34·2	9·0	—	—	59	73	6	—	—	—	—
October	20·9	13·2	26·3	8·2	28·6	2·8	—	—	68	61	9	—	—	—	—
November	17·0	9·5	22·1	5·5	24·6	1·4	—	—	40	93	7	—	—	—	—
December	14·9	7·3	20·1	3·3	22·8	0·6	—	—	44	51	7	—	—	—	—
Year	19·7	11·9	32·9*	−1·5*	36·3	−10·0	—	—	477	93	77	—	—	—	—
No. of years	12	12	12	12	12	12	—	—	14	14	13	—	—	—	—

Cáceres 39°29′N 6°22′W 460 m

Period 1934–60	Temperature						Relative humidity		Precipitation			Bright sunshine			
Bibliography 54, 55	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	11·3	4·1	16·7	−1·3	20·6	−5·0	87	71	61	103	9	—	—	—	—
February	13·4	4·9	19·4	−0·6	25·0	−5·8	80	61	49	38	8	—	—	—	—
March	16·1	7·0	23·4	2·1	26·2	−1·6	78	58	68	37	10	—	—	—	—
April	19·4	8·9	26·3	4·5	32·4	1·6	74	50	48	32	8	—	—	—	—
May	23·0	11·5	30·8	6·0	36·6	2·8	71	44	43	34	9	—	—	—	—
June	29·2	15·9	36·6	9·6	41·2	6·0	60	33	24	38	4	—	—	—	—
July	33·5	18·6	40·1	12·3	44·0	10·2	51	25	3	13	1	—	—	—	—
August	32·6	18·4	38·5	12·9	41·8	11·0	53	26	6	33	1	—	—	—	—
September	28·5	16·3	35·5	11·0	39·0	4·8	64	37	23	36	4	—	—	—	—
October	21·9	11·8	29·0	6·4	34·4	3·0	74	49	45	32	7	—	—	—	—
November	15·8	7·8	21·0	3·3	25·2	−1·0	82	62	59	107	8	—	—	—	—
December	11·7	4·7	16·1	0·0	18·0	−4·0	86	71	63	56	10	—	—	—	—
Year	21·4	10·8	40·5*	−2·7*	44·0	−5·8	72	49	492	107	79	—	—	—	—
No. of years	27	27	27	27	27	27	21	21	27	27	27	—	—	—	—

Cádiz 36°32′N 6°18′W 14 m

Period 1955–60	Temperature						Relative humidity		Precipitation			Bright sunshine			
Bibliography 55	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	15·3	9·3	19·6	3·3	21·0	1·5	83	73	57	34	9	180	58	—	—
February	16·0	10·2	21·3	4·9	25·0	−1·0	80	70	93	37	10	178	58	—	—
March	17·7	12·2	22·8	8·3	25·5	7·0	82	71	113	67	11	203	55	—	—
April	19·6	13·0	25·3	8·8	27·0	6·5	77	65	53	51	6	256	65	—	—
May	22·4	15·4	30·4	11·5	34·0	11·0	76	65	39	26	5	298	68	—	—
June	25·2	18·3	30·7	15·0	33·0	11·0	75	66	10	22	1	349	79	—	—
July	27·4	20·1	33·9	17·0	38·0	11·0	77	67	0	0	0	385	86	—	—
August	27·7	21·2	33·7	18·2	36·0	17·0	79	71	1	4	<1	354	84	—	—
September	26·7	19·9	32·3	17·5	34·0	15·0	82	70	14	26	1	288	77	—	—
October	23·1	16·5	27·7	12·1	30·0	10·5	81	71	96	126	7	247	71	—	—
November	18·7	12·7	22·2	7·9	24·0	3·5	82	70	67	39	8	185	60	—	—
December	16·0	9·9	19·3	5·3	20·0	2·0	82	74	98	55	10	138	46	—	—
Year	21·3	14·9	34·5*	2·1*	38·0	−1·0	80	70	641	126	68	3061	69	—	—
No. of years	6	6	6	6	6	6	5	5	7	7	7	5	5	—	—

*Average of highest/lowest each year

Ciudad Real 38° 59′N 3° 56′W 628 m

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	10·2	0·7	15·3	−4·5	20·2	−8·4	83	72	37	35	6	136	45	—	—
February	13·4	1·3	19·4	−3·8	25·0	−10·0	82	68	40	37	7	161	53	—	—
March	16·6	4·2	23·7	−0·1	30·0	−5·2	80	65	46	38	8	177	48	—	—
April	19·6	6·3	26·7	2·1	34·0	−1·0	76	60	51	34	8	232	59	—	—
May	22·7	8·9	29·3	4·3	37·4	0·5	75	61	50	68	7	295	67	—	—
June	29·6	13·0	36·1	8·4	41·2	5·0	70	56	22	40	3	343	77	—	—
July	34·5	16·6	39·6	12·1	44·2	6·2	68	56	2	10	1	398	88	—	—
August	33·4	16·0	38·6	12·0	42·0	8·2	70	57	8	57	1	357	84	—	—
September	28·8	13·1	34·8	8·8	40·0	5·6	73	60	25	29	3	260	70	—	—
October	21·4	8·3	27·8	3·4	32·4	−1·2	77	64	43	55	6	194	56	—	—
November	14·7	4·3	20·5	−0·6	24·0	−4·8	80	71	39	29	6	152	50	—	—
December	10·8	1·8	15·6	−3·5	20·2	−7·0	81	73	46	32	7	117	40	—	—
Year	21·3	7·9	40·1*	−6·1*	44·2	−10·0	76	64	409	68	63	2822	63	—	—
No. of years	25	25	25	25	25	25	19	19	23	23	23	11	11	—	—

Córdoba 37° 51′N 4° 50′W 91 m

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	13·4	4·5	18·9	−0·9	23·0	−4·7	91	71	86	67	9	194	63	—	—
February	15·7	5·5	22·2	0·3	29·0	−6·0	87	61	72	64	8	149	49	—	—
March	19·0	7·7	25·7	3·0	29·2	−1·0	87	59	101	65	10	150	41	—	—
April	22·6	10·3	29·5	5·8	35·4	2·0	82	53	65	65	8	215	54	—	—
May	25·7	13·0	32·8	7·8	38·6	3·8	80	49	56	49	8	261	59	—	—
June	32·1	17·1	38·8	12·5	43·0	6·0	70	40	11	37	2	313	71	—	—
July	36·6	20·0	41·9	15·6	46·0	11·0	61	33	2	41	<1	354	79	—	—
August	35·9	19·7	40·8	15·5	44·0	10·0	65	36	3	17	1	345	82	—	—
September	31·0	17·3	37·3	12·2	40·0	6·0	71	42	21	36	3	261	70	—	—
October	24·5	12·8	31·0	7·4	39·0	3·0	80	53	82	76	7	168	48	—	—
November	18·6	8·5	24·1	3·3	29·0	−1·2	89	63	72	85	8	143	47	—	—
December	14·1	5·2	19·3	0·2	25·0	−3·0	91	71	93	69	9	128	43	—	—
Year	24·1	11·8	42·6*	−2·2*	46·0	−6·0	79	53	664	85	73	2681	60	—	—
No. of years	26	26	26	26	26	26	20	20	26	26	26	2	2	—	—

Cuenca 40° 04′N 2° 08′W 944 m

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	8·1	−2·0	15·9	−9·4	21·0	−18·6	89	70	43	34	7	132	44	—	—
February	10·1	−1·6	18·1	−8·4	24·5	−20·5	88	63	44	39	6	151	50	—	—
March	13·4	0·9	21·2	−5·4	26·6	−11·4	86	59	67	45	10	177	48	—	—
April	16·3	3·4	23·5	−1·7	28·3	−5·7	80	55	48	36	9	227	57	—	—
May	19·7	6·7	27·1	0·7	33·4	−2·4	77	53	73	44	10	269	60	—	—
June	25·6	10·9	32·2	4·7	37·8	1·0	70	47	48	48	6	317	71	—	—
July	30·4	13·6	35·5	8·0	38·8	3·5	66	36	19	45	3	376	83	—	—
August	29·4	13·2	34·6	7·8	37·1	3·8	68	37	28	72	3	341	80	—	—
September	25·2	10·6	31·3	4·3	35·0	−1·6	77	46	42	54	6	256	68	—	—
October	18·2	5·5	25·3	−0·9	29·0	−4·8	86	56	52	51	7	180	52	—	—
November	12·8	1·7	19·1	−4·1	26·0	−8·6	89	65	45	38	8	141	47	—	—
December	9·0	−0·6	14·9	−6·8	17·9	−10·5	90	69	51	29	9	121	41	—	—
Year	18·2	5·2	36·2*	−11·4*	38·8	−20·5	81	55	560	72	84	2688	60	—	—
No. of years	26	26	26	26	26	26	18	18	26	26	26	11	11	—	—

*Average of highest/lowest each year

SPAIN

Finisterre 42°53′N 9°16′W 146 m

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	12·4	7·9	16·3	2·9	21·0	−2·0	86	82	96	44	18	90	31	—	—
February	12·6	7·4	17·9	2·6	23·8	−1·5	80	75	67	33	12	108	36	—	—
March	14·6	8·9	20·7	5·3	29·0	2·5	83	76	92	42	15	135	37	—	—
April	16·4	9·6	23·3	6·0	29·2	1·7	79	71	51	33	11	206	51	—	—
May	17·7	11·1	25·4	7·5	30·7	4·6	83	75	55	39	11	225	50	—	—
June	20·3	13·4	28·3	10·2	33·0	8·0	83	74	38	48	7	242	53	—	—
July	22·1	15·2	30·4	11·6	34·8	8·7	85	73	19	39	5	267	57	—	—
August	22·5	15·4	28·8	12·0	37·0	8·9	87	75	41	36	9	248	57	—	—
September	21·0	14·8	27·5	11·0	32·4	3·5	85	77	57	51	10	184	49	—	—
October	19·0	13·0	24·9	8·9	29·2	3·0	83	76	76	52	12	176	51	—	—
November	15·3	10·5	19·7	6·6	25·1	0·5	83	80	127	57	16	116	39	—	—
December	13·2	8·6	16·7	5·0	20·3	2·0	86	84	124	93	17	82	29	—	—
Year	17·3	11·3	32·6*	1·3*	37·0	−2·0	84	77	843	93	143	2079	47	—	—
No. of years	24	24	23	22	23	22	17	17	24	24	24	11	11	—	—

Gijón 43°33′N 5°50′W 29 m

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	12·5	6·0	19·0	0·6	22·7	−3·4	81	74	114	50	16	85	29	—	—
February	12·7	6·2	18·8	0·8	28·8	−5·2	83	73	93	78	13	108	37	—	—
March	14·7	7·9	21·8	3·2	31·0	0·4	83	72	75	40	13	141	38	—	—
April	15·7	9·1	21·8	4·7	27·4	2·0	83	73	75	71	14	168	42	—	—
May	17·3	11·0	22·6	6·3	30·6	1·8	86	75	93	75	14	178	39	—	—
June	20·1	14·1	24·7	10·0	28·2	7·0	86	75	59	66	11	177	38	—	—
July	22·7	16·3	26·5	12·6	31·3	10·1	85	74	42	74	8	197	42	—	—
August	22·7	16·3	26·6	12·8	30·5	11·0	87	74	68	75	10	207	48	—	—
September	21·4	15·0	25·9	10·7	34·8	8·8	88	76	75	104	12	141	37	—	—
October	18·5	11·8	23·4	7·0	27·5	4·8	87	75	105	56	13	135	39	—	—
November	15·4	8·7	21·6	3·5	24·3	0·4	84	74	108	57	14	92	32	—	—
December	13·3	7·0	19·4	2·4	23·4	−2·2	82	75	127	66	16	76	27	—	—
Year	17·3	10·8	28·6*	−0·8*	34·8	−5·2	85	74	1034	104	154	1705	38	—	—
No. of years	25	25	25	25	25	25	19	19	25	25	25	11	11	—	—

Granada 37°09′N 3°35′W 689 m

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	12·0	2·1	19·6	−3·3	23·8	−7·4	86	69	54	47	8	149	48	—	—
February	14·1	2·8	20·9	−1·9	29·5	−10·4	81	58	49	50	8	161	53	—	—
March	16·5	5·2	24·0	0·5	28·0	−5·6	83	58	62	35	10	175	47	—	—
April	19·5	7·4	26·4	3·0	31·5	−0·2	82	54	53	37	10	201	51	—	—
May	22·7	9·9	30·1	4·4	34·4	1·0	78	49	44	42	8	232	53	—	—
June	29·7	14·5	35·9	9·3	38·2	5·6	69	38	8	12	2	251	57	—	—
July	34·2	17·2	39·2	12·6	42·8	9·4	63	33	3	13	1	331	74	—	—
August	33·3	17·2	38·0	12·8	40·2	9·4	67	38	8	29	1	324	77	—	—
September	28·9	14·5	35·0	10·0	38·6	7·1	75	42	25	42	4	243	65	—	—
October	22·5	10·2	28·7	4·4	33·4	0·6	84	53	49	55	7	189	54	—	—
November	17·1	6·3	23·2	1·3	27·2	−5·0	86	59	48	54	8	152	49	—	—
December	12·4	3·3	18·2	1·4	21·2	−5·2	87	70	70	39	10	124	41	—	—
Year	21·9	9·2	39·5*	−4·5*	42·8	−10·4	78	52	473	55	77	2532	57	—	—
No. of years	23	23	23	23	23	23	16	15	23	23	23	11	11	—	—

*Average of highest/lowest each year

SPAIN

Ibiza (Iviza) 38° 52′N 1° 22′ E 7 m

Ibiza—Islas Baleares

Period 1942–45 1952–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						per cent		millimetres			hours		hours	
January	14·6	6·9	19·0	1·7	22·5	0·0	80	66	42	64	6	170	56	—	—
February	14·6	6·8	19·0	0·7	21·0	−4·0	80	66	35	53	6	170	56	—	—
March	16·4	8·8	20·9	3·4	23·5	0·1	80	65	25	31	6	210	57	—	—
April	18·6	10·9	22·6	6·5	26·4	3·6	74	61	22	28	5	237	60	—	—
May	22·2	14·1	26·5	8·8	29·8	6·6	72	61	13	17	3	311	70	—	—
June	25·6	17·9	29·7	13·5	32·2	11·0	69	60	22	88	3	318	71	—	—
July	28·3	20·7	31·0	16·7	33·0	14·4	69	59	5	31	1	353	78	—	—
August	28·8	21·5	32·4	17·7	35·1	16·8	72	61	12	30	1	334	79	—	—
September	27·0	19·6	30·8	14·1	36·7	10·0	77	63	34	36	4	236	63	—	—
October	22·7	15·3	26·6	9·7	30·5	6·3	77	63	85	210	8	197	57	—	—
November	18·6	11·5	22·3	6·1	25·5	3·0	79	66	102	61	10	162	53	—	—
December	16·0	8·7	19·6	3·3	23·4	1·0	79	66	47	82	8	162	55	—	—
Year	21·1	13·6	33·1*	0·0*	36·7	−4·0	76	63	444	210	61	2860	64	—	—
No. of years	12	12	12	12	12	12	8	8	13	13	13	9	9	—	—

Jaén 37° 48′N 3° 48′W 582 m

Period 1934–36 1941–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						per cent		millimetres			hours		hours	
January	11·5	4·7	18·1	−1·0	25·3	−4·0	83	77	70	102	6	150	49	—	—
February	13·6	5·6	20·5	−0·3	26·2	−8·0	77	68	77	119	6	163	54	—	—
March	16·8	7·7	24·7	2·9	31·0	−1·0	76	66	99	65	9	194	52	—	—
April	20·0	9·8	27·6	5·0	33·0	0·0	76	63	66	59	7	222	56	—	—
May	23·6	12·8	31·5	7·6	38·5	5·0	75	60	49	54	6	278	63	—	—
June	30·3	17·3	37·4	12·1	40·0	8·6	67	51	14	29	2	319	72	—	—
July	34·7	21·0	40·2	15·6	42·0	13·5	59	46	5	31	1	352	78	—	—
August	33·8	20·8	38·6	16·2	42·0	14·0	62	47	4	23	1	326	77	—	—
September	29·2	17·9	35·9	12·7	39·5	9·0	70	57	29	49	3	256	69	—	—
October	22·3	13·1	28·9	7·1	35·0	4·0	77	67	51	74	5	204	59	—	—
November	16·4	8·9	22·7	4·2	27·0	0·0	82	73	57	42	6	165	54	—	—
December	12·3	5·5	18·0	0·7	25·0	−3·5	84	77	73	77	7	154	52	—	—
Year	22·0	12·1	40·7*	−2·5*	42·0	−8·0	74	63	594	119	59	2783	62	—	—
No. of years	23	23	23	23	23	23	17	14	23	23	23	9	9	—	—

La Coruña 43° 22′N 8° 25′W 58 m

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						per cent		millimetres			hours		hours	
January	12·8	7·1	17·1	1·6	20·4	−2·0	81	74	118	49	19	98	34	—	—
February	13·0	6·8	18·4	1·6	27·4	−3·0	82	71	80	42	15	125	42	—	—
March	15·0	8·1	21·0	3·7	26·6	1·0	82	70	92	44	16	139	38	—	—
April	16·0	9·1	21·8	4·5	29·6	2·0	81	69	67	38	12	195	49	—	—
May	17·5	10·6	23·2	6·4	28·5	3·4	83	71	54	41	12	223	49	—	—
June	20·1	12·9	25·7	9·2	30·5	7·2	83	73	45	60	9	225	49	—	—
July	21·9	14·6	28·4	11·5	33·5	9·9	84	71	28	27	8	261	56	—	—
August	22·6	14·9	28·3	11·7	33·6	9·4	86	70	46	75	9	246	57	—	—
September	21·6	14·1	26·2	10·2	30·5	6·7	87	72	61	63	11	178	47	—	—
October	18·7	11·8	24·3	7·2	31·0	4·5	85	72	87	60	14	153	45	—	—
November	15·4	9·4	20·0	4·2	25·0	1·2	84	74	124	73	17	114	39	—	—
December	13·2	7·5	17·1	2·9	19·8	−1·0	84	77	135	91	19	83	30	—	—
Year	17·3	10·6	30·2*	0·5*	33·6	−3·0	83	72	937	91	161	2040	46	—	—
No. of years	27	27	27	27	27	27	21	21	27	27	27	11	11	—	—

*Average of highest/lowest each year

SPAIN

León 42°35′N 5°39′W 913 m

Period 1937–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·7	−1·3	13·4	−7·5	21·0	−17·4	91	78	57	59	9	147	50	—	—
February	9·0	−0·6	16·4	−6·3	21·5	−13·8	87	67	41	32	6	158	53	—	—
March	12·9	2·2	19·8	−3·2	25·5	−10·8	85	61	61	33	11	184	50	—	—
April	15·7	3·6	23·2	−1·4	28·3	−4·4	80	54	43	35	9	256	64	—	—
May	18·9	6·3	26·6	0·7	31·9	−3·1	79	53	53	44	10	265	58	—	—
June	24·4	10·3	32·1	4·0	36·5	1·2	75	48	39	47	7	295	64	—	—
July	27·8	11·7	34·7	6·4	36·5	3·7	74	40	17	27	4	371	80	—	—
August	27·1	11·7	33·4	6·7	37·2	3·8	74	40	16	35	3	338	78	—	—
September	23·4	9·8	30·6	4·1	34·0	1·6	82	51	39	48	6	238	63	—	—
October	17·5	6·1	24·3	0·1	28·2	−3·3	87	60	48	30	9	185	54	—	—
November	11·7	2·3	18·0	−2·4	23·4	−7·0	89	67	55	49	9	139	47	—	—
December	7·2	−0·1	13·6	−4·8	17·0	−11·6	90	77	65	30	10	106	38	—	—
Year	16·9	5·2	35·4*	−9·1*	37·2	−17·4	83	58	534	59	93	2682	60	—	—
No. of years	24	24	24	24	24	24	18	18	24	24	24	8	8	—	—

Lérida 41°37′N 0°38′E 203 m

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	9·6	0·8	17·4	−5·0	20·8	−10·6	91	73	22	33	4	118	40	—	—
February	13·1	1·1	19·4	−4·4	23·0	−11·0	88	62	18	20	4	165	55	—	—
March	18·0	5·1	24·1	−0·6	30·6	−5·0	86	54	31	31	6	213	58	—	—
April	21·1	7·5	27·3	2·8	32·1	−0·9	77	47	46	85	7	261	65	—	—
May	25·1	11·5	31·5	5·9	35·0	1·2	76	48	47	58	7	288	64	—	—
June	28·9	15·3	34·9	10·7	40·0	8·2	74	48	43	60	6	296	65	—	—
July	32·1	17·8	37·5	12·9	40·8	9·0	69	44	24	43	4	354	77	—	—
August	31·5	17·7	36·9	13·3	39·8	10·8	77	50	34	67	3	302	70	—	—
September	27·9	15·1	33·5	9·0	38·0	5·0	86	55	34	44	5	239	64	—	—
October	21·4	9·6	27·3	2·5	30·6	−1·6	88	60	30	42	5	203	59	—	—
November	14·7	4·2	22·2	−1·9	26·2	−5·6	92	68	22	22	5	147	50	—	—
December	9·3	2·1	16·5	−2·6	19·6	−10·0	91	75	29	34	6	93	33	—	—
Year	21·1	9·0	38·1*	−6·5*	40·8	−11·0	83	57	380	85	62	2679	60	—	—
No. of years	20	20	20	20	20	20	15	15	22	22	22	8	8	—	—

Los Llanos 38°51′N 1°51′W 697 m

Period 1936–49 1954–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·9	0·1	16·8	−8·3	21·8	−15·5	91	73	30	58	5	142	45	—	—
February	12·0	0·1	19·3	−7·5	25·4	−16·2	90	64	31	34	6	164	53	—	—
March	15·4	2·9	23·3	−3·6	28·3	−9·0	87	59	41	44	9	190	51	—	—
April	18·0	4·8	24·6	−0·6	32·5	−3·5	81	52	32	42	8	240	61	—	—
May	21·7	8·3	29·0	1·9	36·4	0·0	77	49	63	76	9	304	71	—	—
June	27·3	12·2	33·6	6·7	36·4	1·0	68	40	34	66	5	334	77	—	—
July	32·1	15·2	37·4	10·4	39·8	5·0	64	34	6	11	2	381	87	—	—
August	31·3	15·4	36·5	9·6	39·2	4·0	71	39	22	48	2	341	82	—	—
September	27·1	12·5	33·2	5·7	36·5	0·0	82	47	26	46	4	254	68	—	—
October	20·0	7·7	27·0	0·6	31·5	−6·3	90	60	48	60	7	199	57	—	—
November	14·2	3·2	21·0	−2·5	27·0	−6·6	92	68	31	50	6	161	51	—	—
December	9·8	0·6	14·7	−6·6	17·1	−18·8	92	72	29	29	6	145	47	—	—
Year	19·8	6·9	37·9*	−11·0*	39·8	−18·8	82	55	393	76	69	2855	64	—	—
No. of years	16	16	16	16	16	16	13	13	15	15	15	7	7	—	—

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*Average of highest/lowest each year

SPAIN

Madrid 40° 25′N 3° 41′W 660 m

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·5	1·5	14·2	−4·4	18·0	−10·1	86	71	39	33	8	150	50	—	—
February	11·0	2·2	16·9	−3·2	22·0	−9·1	83	62	34	40	7	168	56	—	—
March	14·9	5·2	21·6	0·0	25·8	−3·5	80	56	43	56	10	195	53	—	—
April	18·4	7·4	25·1	2·4	29·2	−0·6	74	49	48	35	9	236	59	—	—
May	21·2	10·2	28·5	4·4	33·4	0·6	72	49	47	41	10	284	64	—	—
June	26·9	14·6	33·4	9·2	36·5	6·4	66	41	27	48	5	333	74	—	—
July	30·8	17·4	36·2	12·3	39·1	8·2	58	33	11	30	2	366	80	—	—
August	29·5	17·1	35·2	12·4	38·0	7·2	62	35	15	39	3	354	83	—	—
September	25·0	14·1	31·3	8·3	35·5	4·3	72	46	32	53	6	257	69	—	—
October	18·5	9·5	24·1	3·2	28·1	−0·4	81	58	53	53	8	199	57	—	—
November	12·8	5·3	17·6	−0·0	22·1	−3·0	84	65	47	65	9	157	52	—	—
December	8·8	2·2	14·0	−2·2	16·3	−7·8	86	70	48	42	10	144	49	—	—
Year	18·9	8·9	36·6*	−5·8*	39·1	−10·1	75	53	444	65	87	2843	64	—	—
No. of years	27	27	27	27	27	27	21	21	27	27	27	11	11	—	—

Mahón 39° 52′N 4° 15′E 47 m

Menorca—Islas Baleares

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	13·5	7·3	17·6	2·9	20·3	0·0	82	71	62	62	9	133	44	—	—
February	13·9	7·3	18·2	3·1	22·2	−2·8	82	71	40	29	8	158	52	—	—
March	15·6	8·6	20·3	4·5	24·1	1·0	83	69	51	62	8	183	49	—	—
April	17·8	10·6	22·4	6·6	26·6	3·1	81	66	33	54	7	201	51	—	—
May	21·3	13·4	26·3	9·0	29·8	5·5	79	63	29	48	5	294	66	—	—
June	25·4	17·3	30·8	13·4	34·2	10·4	75	59	20	95	3	314	70	—	—
July	28·3	20·0	32·7	16·7	36·2	13·4	76	57	5	19	1	365	80	—	—
August	28·3	20·4	32·6	17·1	36·0	13·5	77	61	25	67	3	323	76	—	—
September	26·2	18·8	30·2	14·8	34·2	10·6	80	65	68	113	6	213	57	—	—
October	21·6	15·0	25·9	9·5	29·5	5·0	81	69	144	189	11	168	49	—	—
November	17·6	11·4	21·7	7·0	23·9	2·8	82	72	89	71	9	138	46	—	—
December	14·4	8·8	18·3	4·4	20·8	0·1	81	74	73	65	12	112	38	—	—
Year	20·3	13·2	33·8*	1·5*	36·2	−2·8	80	66	639	189	82	2602	58	—	—
No. of years	27	27	27	27	27	27	21	21	26	26	26	11	11	—	—

Málaga 36° 43′N 4° 25′W 33 m

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	16·5	8·2	22·0	3·9	29·0	0·0	75	64	61	71	7	185	60	—	—
February	16·9	8·8	22·6	4·6	27·0	−3·0	74	65	51	68	6	180	59	—	—
March	18·4	10·8	24·3	7·2	27·0	3·0	74	64	62	61	8	193	52	—	—
April	20·5	12·7	26·7	9·3	31·8	5·2	71	62	46	46	6	236	60	—	—
May	23·3	15·1	29·7	10·5	34·0	7·6	67	61	26	37	4	313	71	—	—
June	26·6	18·9	33·7	15·4	39·0	12·0	67	61	5	34	1	339	77	—	—
July	29·2	21·3	37·6	18·2	40·6	12·0	67	64	1	23	<1	356	79	—	—
August	29·7	21·7	36·7	18·8	40·4	12·0	66	63	3	28	1	338	80	—	—
September	27·3	19·6	33·8	16·2	39·6	11·0	70	66	29	202	2	261	70	—	—
October	23·3	15·9	28·0	11·4	34·6	8·0	75	68	64	88	6	211	60	—	—
November	19·7	12·0	24·6	8·0	29·4	0·2	76	67	64	130	7	181	59	—	—
December	17·3	9·6	22·1	5·8	29·2	2·4	74	65	62	107	8	170	57	—	—
Year	22·4	14·5	38·4*	2·7*	40·6	−3·0	71	64	474	202	56	2963	67	—	—
No. of years	27	27	27	27	27	27	21	21	27	27	27	11	11	—	—

*Average of highest/lowest each year

SPAIN

Murcia 37° 59′N 1° 08′W 44 m

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	15·7	4·3	22·4	−1·1	25·5	−5·0	—	—	24	63	4	183	60	—	—
February	17·1	5·2	23·9	−0·7	29·5	−10·0	—	—	18	52	4	182	60	—	—
March	20·3	7·7	27·6	2·5	31·4	−3·0	—	—	23	38	5	205	55	—	—
April	22·4	10·0	28·9	5·7	37·5	2·0	—	—	43	59	6	242	61	—	—
May	25·7	13·0	32·1	8·2	37·0	4·0	—	—	39	54	6	300	68	—	—
June	30·4	17·1	36·8	13·4	40·0	11·0	—	—	10	30	2	327	74	—	—
July	33·4	19·3	39·5	16·0	44·9	9·8	—	—	1	11	1	367	82	—	—
August	33·4	19·3	38·3	15·7	43·0	11·6	—	—	8	33	1	332	79	—	—
September	30·4	17·0	35·3	12·9	39·0	8·0	—	—	30	67	4	242	65	—	—
October	25·2	12·5	30·8	6·9	37·5	−4·2	—	—	45	110	5	203	58	—	—
November	20·4	8·1	26·0	3·2	30·5	−1·4	—	—	26	64	4	174	57	—	—
December	16·9	5·9	22·1	0·6	25·1	−5·0	—	—	37	105	5	184	62	—	—
Year	24·3	11·6	40·2*	−2·6*	44·9	−10·0	—	—	304	110	47	2941	65	—	—
No. of years	24	24	24	24	24	24	—	—	24	24	24	7	7	—	—

Palma 39° 33′N 2° 39′E 10 m

Mallorca—Islas Baleares

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	14·1	6·3	18·2	1·8	21·8	−3·0	83	72	39	55	8	156	52	—	—
February	14·8	6·4	19·4	1·8	22·8	−4·0	82	70	34	32	6	171	57	—	—
March	16·6	7·9	21·0	3·4	23·5	−1·0	81	69	51	75	8	200	54	—	—
April	18·9	10·4	23·3	6·2	26·0	0·5	77	66	32	29	6	223	56	—	—
May	21·9	12·8	27·1	8·8	31·0	4·6	77	67	29	83	5	295	66	—	—
June	26·0	16·9	30·7	13·0	36·8	8·4	70	65	17	57	3	306	68	—	—
July	28·9	19·6	33·2	16·3	38·5	12·0	70	65	3	19	1	354	78	—	—
August	28·8	20·2	32·7	16·3	37·0	11·0	75	65	25	44	3	332	78	—	—
September	26·9	18·1	30·8	13·7	34·6	4·2	79	69	55	133	5	241	64	—	—
October	22·5	13·9	26·6	8·6	31·0	1·0	83	71	77	97	9	192	55	—	—
November	18·1	10·2	22·3	5·9	25·5	0·8	83	72	47	46	8	155	51	—	—
December	15·1	7·6	19·2	3·4	23·6	−0·5	82	72	40	32	9	136	47	—	—
Year	21·1	12·5	33·6*	0·5*	38·5	−4·0	79	69	449	133	71	2761	62	—	—
No. of years	27	27	27	27	27	27	20	20	26	26	26	11	11	—	—

Pamplona 42° 49′N 1° 39′W 466 m

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·2	0·6	14·8	−6·9	19·5	−13·3	86	74	120	78	11	72	25	—	—
February	9·8	1·2	16·9	−5·7	23·6	−15·2	84	69	86	68	9	109	37	—	—
March	14·1	3·7	22·1	−2·1	30·0	−5·0	77	60	79	52	11	135	37	—	—
April	16·0	5·9	24·8	0·4	30·0	−3·0	76	58	83	78	11	179	45	—	—
May	19·7	8·8	28·4	2·1	34·0	−2·5	74	57	90	103	11	196	43	—	—
June	24·0	11·9	33·0	6·7	36·5	2·5	73	55	84	93	9	237	52	—	—
July	26·9	13·8	36·0	9·3	38·8	6·5	72	52	46	115	5	301	65	—	—
August	27·3	14·0	35·5	9·5	39·0	7·0	74	54	44	90	6	266	62	—	—
September	24·3	12·2	32·1	6·6	38·8	3·0	77	56	67	74	8	195	52	—	—
October	18·7	8·0	25·5	2·1	29·5	−4·0	80	59	107	84	9	155	45	—	—
November	12·5	4·0	18·9	−1·8	27·0	−7·0	85	70	107	75	11	96	33	—	—
December	9·4	2·1	15·1	−4·4	21·0	−9·0	85	73	140	93	14	63	22	—	—
Year	17·6	7·2	37·0*	−9·1*	39·0	−15·2	79	61	1053	115	115	2004	45	—	—
No. of years	26	26	26	26	26	26	20	20	25	25	25	8	8	—	—

*Average of highest/lowest each year

SPAIN

Salamanca 40° 58′N 5° 40′W 805 m

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·0	−0·1	14·0	−6·4	17·4	−11·6	89	78	44	33	8	—	—	—	—
February	10·3	0·2	17·3	−5·1	25·8	−11·0	87	68	38	42	8	—	—	—	—
March	14·0	2·4	21·6	−2·7	28·0	−8·0	83	60	48	33	11	—	—	—	—
April	17·0	4·3	24·7	−0·8	30·4	−5·0	79	55	35	37	9	—	—	—	—
May	20·2	7·5	28·8	1·7	33·6	−4·0	76	52	44	25	9	—	—	—	—
June	25·9	11·4	33·7	5·8	37·6	0·4	73	42	29	43	5	—	—	—	—
July	29·9	13·7	36·5	8·7	39·4	6·0	68	38	15	61	3	—	—	—	—
August	29·5	13·4	35·7	8·7	38·0	4·0	72	39	12	33	3	—	—	—	—
September	25·5	11·3	33·0	5·8	38·0	2·0	77	45	24	29	5	—	—	—	—
October	18·7	6·8	25·8	1·0	30·2	−2·6	83	58	39	28	8	—	—	—	—
November	12·7	2·7	18·7	−2·7	26·6	−9·0	87	69	51	76	8	—	—	—	—
December	8·4	0·4	13·7	−4·8	16·8	−9·0	88	77	56	47	10	—	—	—	—
Year	18·3	6·2	37·4*	−7·6*	39·4	−11·6	80	57	435	76	87	—	—	—	—
No. of years	26	26	26	26	26	26	20	20	24	24	26	—	—	—	—

Santander 43° 28′N 3° 49′W 66 m

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	11·9	6·7	17·7	1·5	21·0	−2·2	78	72	119	47	16	83	29	—	—
February	12·1	6·7	18·8	1·4	26·2	−3·8	80	71	88	62	14	110	37	—	—
March	14·4	8·1	22·6	3·3	30·0	−4·2	79	69	78	73	13	150	41	—	—
April	15·3	9·5	23·8	5·7	33·4	2·0	82	72	83	65	13	175	43	—	—
May	16·9	11·3	24·8	7·3	31·0	3·6	85	75	89	73	14	194	42	—	—
June	19·8	14·2	26·0	11·0	34·0	7·5	86	76	63	69	13	192	42	—	—
July	21·5	16·1	28·3	13·2	34·6	11·0	85	75	54	86	11	206	44	—	—
August	22·2	16·4	28·4	13·6	40·2	11·6	87	75	84	78	14	196	45	—	—
September	21·2	14·9	28·6	11·2	34·0	2·6	86	74	114	138	14	156	41	—	—
October	18·3	12·4	25·2	7·9	29·6	5·2	84	72	133	54	14	137	40	—	—
November	14·8	9·5	21·0	4·5	23·6	1·8	80	72	125	58	15	96	33	—	—
December	12·5	7·6	18·0	2·9	21·4	0·0	79	72	159	55	18	72	26	—	—
Year	16·7	11·1	32·2*	−0·2*	40·2	−4·2	83	73	1189	138	169	1767	40	—	—
No of years	27	27	27	27	27	27	21	21	27	27	27	11	11	—	—

Sevilla (Seville) 37° 24′N 6° 00′W 9 m

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	15·1	5·5	19·6	0·5	24·2	−2·8	87	75	66	81	8	173	57	—	—
February	17·4	6·5	22·8	1·4	26·8	−3·4	85	69	61	73	6	179	59	—	—
March	20·3	9·0	27·2	4·3	32·0	1·2	84	67	90	60	9	190	51	—	—
April	23·6	11·1	30·0	7·1	36·0	2·2	80	61	57	67	7	240	61	—	—
May	26·6	13·4	34·4	8·8	42·2	2·6	77	57	41	40	6	290	66	—	—
June	32·0	17·2	39·2	12·4	43·5	5·2	73	48	8	53	1	327	74	—	—
July	36·4	19·6	42·7	15·5	45·6	11·2	67	43	1	7	<1	364	81	—	—
August	36·0	19·8	41·9	15·7	48·8	12·1	70	45	5	37	<1	342	81	—	—
September	32·1	17·7	38·4	13·7	40·8	9·2	73	53	19	39	2	277	74	—	—
October	25·8	13·7	32·7	8·6	39·0	4·0	82	65	70	69	6	205	59	—	—
November	19·9	9·9	25·0	5·3	31·8	0·2	86	72	67	77	7	166	54	—	—
December	15·7	6·6	20·4	1·4	24·0	−2·8	88	73	79	69	8	156	53	—	—
Year	25·1	12·5	43·6*	−0·9*	48·8	−3·4	79	61	564	81	60	2909	65	—	—
No. of years	27	27	27	27	27	27	21	21	27	27	27	11	11	—	—

*Average of highest/lowest each year

SPAIN

Soria 41°46′N 2°58′W 1080 m

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·6	−2·3	14·4	−9·1	20·0	−16·0	90	79	49	39	7	127	43	—	—
February	8·6	−1·5	16·8	−7·5	20·6	−13·0	89	69	48	32	7	147	49	—	—
March	12·1	0·9	20·1	−4·3	24·4	−9·0	86	62	46	30	10	177	48	—	—
April	14·8	2·8	22·6	−2·1	28·0	−5·6	79	55	51	31	10	218	55	—	—
May	17·9	5·7	26·0	−0·2	32·0	−4·0	77	55	65	35	11	266	59	—	—
June	23·7	9·5	31·6	4·2	37·0	0·0	74	48	54	57	8	277	61	—	—
July	27·9	11·6	34·8	6·7	38·0	4·0	70	41	30	70	5	351	76	—	—
August	27·3	11·5	33·8	6·6	37·4	4·0	72	41	32	44	5	322	75	—	—
September	23·5	9·4	30·9	4·0	35·5	1·0	79	55	51	42	8	231	62	—	—
October	16·2	4·9	23·8	−1·0	29·2	−4·0	85	60	48	54	8	173	50	—	—
November	11·2	1·3	18·2	−4·5	23·4	−7·2	89	69	48	36	9	137	46	—	—
December	7·4	−0·7	14·1	−7·0	17·0	−14·0	91	78	57	42	9	115	40	—	—
Year	16·4	4·4	35·5*	−10·5*	38·0	−16·0	82	59	579	70	97	2541	57	—	—
No. of years	26	26	26	26	26	26	20	17	26	26	26	11	11	—	—

Toledo 39°52′N 4°02′W 539 m

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	10·0	1·6	15·7	−4·2	19·4	−9·2	87	71	35	26	7	147	49	—	—
February	12·5	2·5	18·7	−3·3	24·7	−8·8	82	60	30	27	6	174	58	—	—
March	15·8	5·1	23·3	0·0	30·0	−3·4	80	54	38	31	9	201	54	—	—
April	19·1	7·7	26·2	3·2	31·7	−0·8	74	48	43	33	9	255	64	—	—
May	22·6	10·7	30·2	5·1	37·0	0·5	72	45	44	37	9	294	66	—	—
June	28·6	15·6	35·7	10·2	40·4	5·4	63	39	25	49	5	323	72	—	—
July	33·2	18·9	39·0	13·6	41·6	8·2	52	29	9	30	2	391	86	—	—
August	32·1	18·3	37·6	13·1	42·0	6·2	57	32	11	39	2	359	84	—	—
September	27·5	14·9	34·2	9·4	37·6	6·0	69	43	28	40	4	263	70	—	—
October	20·5	10·0	26·9	3·7	32·4	−2·0	79	54	42	44	7	194	56	—	—
November	14·7	5·3	20·0	−0·2	24·0	−5·0	87	66	38	37	8	160	53	—	—
December	10·4	2·6	15·4	−2·9	18·0	−6·5	87	73	40	29	9	132	45	—	—
Year	20·6	9·4	39·4*	−5·3*	42·0	−9·2	74	51	383	49	77	2893	65	—	—
No. of years	27	27	27	27	27	27	21	21	27	27	27	11	11	—	—

Tortosa 40°49′N 0°30′E 44 m

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	13·5	4·8	20·5	−0·7	25·0	−5·0	74	58	29	76	6	165	55	—	—
February	15·5	5·6	22·0	0·4	26·0	−6·4	72	53	26	56	5	175	58	—	—
March	18·1	7·6	24·6	2·5	28·0	0·0	76	54	40	54	9	183	50	—	—
April	20·6	10·1	26·2	5·7	34·0	2·8	73	52	45	65	8	235	59	—	—
May	23·4	13·2	29·2	8·1	33·0	3·6	73	53	68	119	9	261	58	—	—
June	27·3	17·2	32·2	13·2	35·4	9·3	71	52	47	114	7	286	63	—	—
July	30·2	19·8	34·0	16·3	37·2	13·6	70	51	20	71	4	320	70	—	—
August	30·0	19·9	34·4	16·1	38·6	12·9	74	54	38	67	6	287	67	—	—
September	27·6	17·7	32·0	13·1	34·8	10·7	79	58	84	189	6	214	57	—	—
October	22·6	12·9	27·9	7·8	32·3	5·3	78	58	72	209	7	181	52	—	—
November	17·8	8·9	23·9	3·1	26·6	0·0	75	58	43	96	6	165	55	—	—
December	14·0	6·1	19·9	0·9	22·8	−3·8	74	60	53	93	7	149	52	—	—
Year	21·7	12·0	35·0*	−1·6*	38·6	−6·4	74	55	565	209	80	2621	59	—	—
No. of years	26	26	26	26	26	26	20	20	26	26	26	11	11	—	—

*Average of highest/lowest each year

SPAIN

Valencia 39° 29′N 0° 23′W 13 m

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	15·0	5·6	21·7	0·0	24·4	−6·5	76	58	32	66	5	154	51	—	—
February	16·2	6·2	23·1	0·7	25·5	−7·2	74	55	32	91	5	161	53	—	—
March	18·1	8·2	25·5	3·1	30·8	−0·4	76	55	30	45	6	184	50	—	—
April	19·9	10·1	27·0	6·2	35·2	3·2	73	55	31	38	7	218	55	—	—
May	22·7	13·0	29·2	8·4	34·1	5·0	73	59	31	45	7	258	54	—	—
June	26·2	16·8	31·5	12·8	34·8	10·2	74	59	25	121	5	270	60	—	—
July	28·5	19·9	34·5	16·1	41·7	11·6	75	62	9	31	2	310	68	—	—
August	29·3	19·9	34·5	16·6	38·9	12·5	78	63	26	53	3	283	67	—	—
September	27·2	17·9	32·7	13·2	37·2	9·2	81	63	56	125	6	224	60	—	—
October	23·1	13·4	28·5	7·8	33·5	4·1	79	60	75	151	7	184	53	—	—
November	19·1	9·5	25·2	4·2	29·8	1·7	78	58	38	281	6	149	49	—	—
December	16·0	6·7	21·3	1·3	24·9	−2·2	76	58	37	85	5	143	49	—	—
Year	21·8	12·3	36·1*	−1·1*	41·7	−7·2	76	59	422	281	64	2538	57	—	—
No. of years	26	26	26	26	26	26	20	20	26	26	26	11	11	—	—

Valladolid 41° 39′N 4° 43′W 695 m

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·6	0·2	13·9	−6·4	17·9	−12·6	91	76	37	42	8	101	34	—	—
February	10·2	0·0	17·1	−5·2	24·8	−11·6	90	65	30	25	7	148	48	—	—
March	14·3	2·9	21·4	−2·6	26·0	−6·0	85	52	42	31	11	186	50	—	—
April	17·1	4·8	24·6	−0·3	31·0	−3·0	80	47	37	34	9	244	61	—	—
May	20·1	7·7	27·9	1·8	34·8	−1·2	77	47	42	26	10	277	59	—	—
June	25·6	11·5	33·5	6·2	38·0	3·4	73	40	34	34	8	311	69	—	—
July	29·4	13·5	36·2	8·9	39·0	6·2	69	33	14	32	4	374	81	—	—
August	28·6	13·4	35·1	8·9	38·6	4·7	72	37	14	35	4	346	81	—	—
September	24·9	11·3	32·5	5·9	36·4	2·5	80	45	30	55	6	252	67	—	—
October	18·5	6·8	25·4	0·7	29·8	−4·2	87	54	36	35	8	198	57	—	—
November	12·3	2·9	18·0	−3·0	24·8	−7·0	92	67	42	44	9	137	46	—	—
December	7·9	1·0	13·5	−4·6	16·9	−9·5	92	78	46	34	10	89	31	—	—
Year	18·0	6·3	36·9*	−7·5*	39·0	−12·6	82	53	404	55	94	2663	59	—	—
No. of years	27	27	27	27	27	27	21	21	27	27	27	11	11	—	—

Zaragoza (Saragossa) 41° 39′N 0° 53′W 237 m

Period 1934–60 Bibliography 54, 55	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	9·9	2·2	17·3	−3·6	21·0	−10·5	83	65	17	36	6	149	50	—	—
February	12·5	3·3	18·9	−2·9	22·6	−8·6	79	56	17	27	5	182	47	—	—
March	16·6	5·8	23·5	0·7	28·5	−6·8	76	48	27	55	7	215	58	—	—
April	19·3	8·2	26·2	3·6	31·6	0·0	73	45	34	34	8	245	61	—	—
May	22·6	11·4	30·2	6·0	35·8	2·4	72	44	49	47	8	289	64	—	—
June	27·4	15·2	35·1	10·7	40·0	6·0	70	42	36	41	7	305	67	—	—
July	30·8	17·5	37·2	13·3	40·0	11·0	67	40	15	65	3	361	83	—	—
August	30·0	17·4	36·6	13·4	42·0	11·0	73	42	19	37	3	330	77	—	—
September	26·5	15·2	32·9	10·1	36·2	7·8	79	50	30	39	6	257	68	—	—
October	20·3	10·5	26·3	4·7	29·2	1·0	81	54	34	49	6	209	61	—	—
November	14·3	6·1	20·6	0·1	23·8	−3·2	83	62	28	104	5	158	53	—	—
December	10·1	3·4	16·0	−2·2	19·2	−6·2	83	66	31	55	7	124	43	—	—
Year	20·0	9·7	38·1*	−5·2*	42·0	−10·5	77	51	337	104	71	2824	63	—	—
No. of years	27	27	27	27	27	27	21	21	27	27	27	8	8	—	—

*Average of highest/lowest each year

SWEDEN

Falun 60° 37′N 15° 38′E 122 m

Period 1931–60 Bibliography 56	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−3·3	−10·8	5·0	−24·6	9·2	−33·0	85	82	36	22	14	—	—	—	—
February	−1·6	−10·4	5·5	−23·4	12·0	−35·8	83	75	24	11	12	—	—	—	—
March	3·1	−7·5	10·7	−18·3	16·6	−27·5	83	63	20	15	9	—	—	—	—
April	8·8	−1·5	16·6	−9·5	20·8	−19·0	78	55	31	18	11	—	—	—	—
May	15·7	3·5	23·7	−2·5	27·4	−6·0	69	49	40	27	10	—	—	—	—
June	19·7	8·2	26·7	2·4	32·2	−1·7	70	54	59	45	13	—	—	—	—
July	22·1	11·3	28·4	6·2	33·2	2·6	77	57	73	56	14	—	—	—	—
August	20·2	10·1	26·5	4·5	31·6	−1·3	85	62	83	65	14	—	—	—	—
September	14·9	6·1	20·9	−0·5	27·0	−3·7	89	67	59	40	13	—	—	—	—
October	8·5	1·5	15·1	−5·7	18·0	−11·4	88	73	45	31	14	—	—	—	—
November	2·8	−2·2	9·1	−12·3	13·0	−22·1	88	82	50	42	16	—	—	—	—
December	−0·4	−6·4	6·2	−19·4	12·2	−32·0	87	80	41	20	17	—	—	—	—
Year	9·2	0·1	29·3•	−27·1•	33·2	−35·8	82	67	561	65	157	—	—	—	—
No. of years	30	30	30	30	30	30	30	30	30	30	30	—	—	—	—

Göteborg (Gothenburg) 57° 42′N 11° 58′E 41 m [Sunshine data for Torslanda 57° 42′N 11° 47′E 6 m]

Period 1931–60 Bibliography 56	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·0	−3·1	6·1	−12·1	8·0	−26·0	85	81	51	28	15	48	21	7·3	16
February	0·9	−3·8	5·9	−12·0	9·0	−20·0	85	76	34	15	12	76	29	9·2	10
March	4·1	−1·7	10·1	−8·9	17·0	−19·2	83	67	29	29	10	151	41	11·7	8
April	9·2	2·5	16·4	−3·2	22·0	−11·0	77	59	39	22	12	201	47	14·3	5
May	15·5	7·2	23·3	1·6	28·3	−1·7	70	54	34	28	10	274	53	15·4	2
June	18·9	11·5	25·5	6·5	32·0	3·0	73	58	54	33	12	286	53	16·2	1
July	21·1	14·0	27·5	10·4	32·0	8·0	77	62	86	66	14	285	53	15·9	2
August	20·1	13·4	25·7	8·7	30·0	5·2	81	63	84	41	14	245	51	14·1	1
September	16·0	10·1	20·7	3·4	25·0	0·0	84	67	75	45	16	178	46	12·4	3
October	10·8	6·1	15·5	−0·6	20·0	−6·0	84	72	65	48	15	108	34	9·8	8
November	6·2	2·5	10·4	−4·0	13·0	−7·8	85	80	62	30	16	47	20	7·7	13
December	3·5	−0·1	7·9	−8·6	10·9	−15·8	86	83	57	23	17	29	14	6·2	15
Year	10·6	4·9	28·5•	−14·3•	32·0	−26·0	81	69	670	66	164	1928	43	16·2	84
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	8	8

Halmstad 56° 41′N 12° 51′E 64 m

Period 1931–60 Bibliography 56	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·1	−3·4	5·6	−12·9	8·0	−26·2	83	85	56	23	16	—	—	—	—
February	1·2	−3·9	6·1	−12·3	10·4	−25·7	87	81	44	18	13	—	—	—	—
March	4·6	−2·2	11·5	−9·9	19·3	−23·0	86	73	35	29	11	—	—	—	—
April	10·1	2·0	18·0	−4·1	23·6	−10·7	81	65	40	26	12	—	—	—	—
May	16·2	6·3	24·8	0·1	29·0	−4·4	74	59	40	29	12	—	—	—	—
June	19·4	10·5	26·6	5·0	34·0	1·8	77	63	60	47	13	—	—	—	—
July	21·5	13·1	28·6	8·7	34·0	6·0	80	67	104	81	16	—	—	—	—
August	20·7	12·6	26·4	7·4	31·2	2·7	85	69	97	65	16	—	—	—	—
September	16·8	9·5	22·1	2·3	27·4	−2·4	88	71	76	41	15	—	—	—	—
October	11·4	5·3	16·3	−1·8	20·8	−6·3	88	76	70	40	15	—	—	—	—
November	6·4	2·2	10·7	−5·2	14·4	−12·9	89	83	57	29	16	—	—	—	—
December	3·3	−0·6	7·6	−9·6	10·2	−18·8	89	87	60	23	18	—	—	—	—
Year	11·1	4·3	29·5•	−15·4•	34·0	−26·2	84	73	739	81	173	—	—	—	—
No. of years	30	30	30	30	30	30	30	30	30	30	30	—	—	—	—

•Average of highest/lowest each year

Haparanda 65° 50′N 24° 09′E 7 m

Period 1931–60 Bibliography 56	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−6·7	−15·1	2·4	−29·5	6·4	−40·8	88	87	40	21	15	—	—	—	—
February	−7·0	−15·2	1·4	−28·4	7·0	−36·4	87	84	37	23	14	—	—	—	—
March	−2·9	−12·7	5·5	−26·6	10·3	−33·0	85	76	24	20	11	—	—	—	—
April	3·0	−5·2	9·8	−17·2	15·5	−26·0	82	70	34	24	11	—	—	—	—
May	10·3	1·3	18·8	−3·8	25·9	−7·1	69	59	29	23	9	—	—	—	—
June	16·6	7·9	24·5	1·6	30·0	−1·0	69	60	41	25	11	—	—	—	—
July	20·8	11·7	27·5	5·9	31·5	3·2	73	62	54	47	11	—	—	—	—
August	18·4	9·5	24·1	2·8	28·6	−1·8	82	68	71	47	12	—	—	—	—
September	12·1	4·8	17·9	−2·8	24·0	−8·0	87	73	65	56	12	—	—	—	—
October	4·8	0·8	11·2	−10·0	17·0	−23·0	90	82	53	32	14	—	—	—	—
November	−0·1	−5·7	5·9	−16·9	10·5	−26·5	91	89	58	22	17	—	—	—	—
December	−3·6	−10·4	3·3	−24·0	6·5	−37·3	89	88	46	22	16	—	—	—	—
Year	5·5	−2·4	28·0*	−31·9*	31·5	−40·8	83	75	552	56	153	—	—	—	—
No. of years	30	30	30	30	30	30	30	30	30	30	30	—	—	—	—

Härnösand 62° 38′N 17° 57′E 8 m

[Sunshine data for Sundsvall 62° 32′N 17° 27′E 3 m]

Period 1931–60 Bibliography 56	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−2·5	−9·8	5·8	−21·6	10·2	−30·0	84	83	62	47	15	58	33	—	—
February	−1·6	−9·9	6·0	−21·1	11·0	−30·6	83	78	37	29	12	70	29	—	—
March	1·9	−7·3	9·9	−18·8	17·0	−31·0	82	71	32	23	10	147	41	—	—
April	7·1	−2·1	14·6	−10·1	20·0	−17·5	78	66	46	78	10	204	56	—	—
May	13·1	2·8	21·2	−2·4	27·4	−5·6	68	57	34	28	8	266	48	—	—
June	18·5	7·8	24·8	2·3	31·6	−2·7	70	60	52	49	10	261	44	—	—
July	22·2	11·5	27·2	6·7	31·6	4·8	75	63	57	74	11	273	46	—	—
August	21·7	10·4	25·5	4·5	30·0	0·5	81	65	78	107	12	239	48	—	—
September	15·4	6·4	20·8	−0·6	26·0	−5·8	85	69	68	59	11	148	38	—	—
October	8·8	1·8	15·1	−5·4	19·6	−11·2	86	73	63	39	12	102	33	—	—
November	3·3	−2·1	8·6	−10·7	11·5	−19·0	87	83	87	51	15	59	29	—	—
December	0·3	−5·7	6·0	−16·6	10·3	−27·0	85	85	80	43	16	27	19	—	—
Year	9·0	0·3	28·2*	−24·2*	31·6	−31·0	80	71	696	107	142	1771	39	—	—
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	—	—

Jokkmokk 66° 36′N 19° 51′E 257 m

Period 1931–60 Bibliography 56	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−9·7	−19·1	3·1	−34·2	8·0	−42·0	86	85	29	15	12	—	—	—	—
February	−8·4	−18·3	2·5	−31·7	8·0	−40·0	86	81	27	13	13	—	—	—	—
March	−1·7	−14·1	7·0	−28·1	10·2	−34·5	84	70	21	15	11	—	—	—	—
April	3·6	−6·6	11·3	−19·6	16·0	−27·0	78	62	29	22	10	—	—	—	—
May	10·4	−0·4	19·0	−7·0	24·0	−14·5	65	51	30	25	10	—	—	—	—
June	16·4	6·1	25·0	−0·4	30·5	−3·0	65	52	57	45	12	—	—	—	—
July	20·1	9·4	28·0	3·5	34·5	0·5	71	56	77	35	15	—	—	—	—
August	17·5	7·1	23·7	0·0	29·5	−4·0	81	61	63	37	14	—	—	—	—
September	11·2	2·3	17·8	−5·7	21·5	−12·0	87	67	49	48	13	—	—	—	—
October	3·2	−4·1	11·0	−15·6	18·5	−24·0	88	78	40	27	12	—	—	—	—
November	−3·2	−10·9	4·9	−24·0	10·0	−35·0	89	87	36	14	13	—	—	—	—
December	−6·8	−15·3	3·7	−29·7	7·5	−41·0	88	87	35	16	13	—	—	—	—
Year	4·4	−5·3	28·4*	−35·6*	34·5	−42·0	81	70	493	48	148	—	—	—	—
No. of years	30	30	30	30	30	30	30	30	30	30	30	—	—	—	—

*Average of highest/lowest each year

SWEDEN

Jönköping 57° 46′N 14° 11′E 92 m [Sunshine data for Flahult 57° 42′N 14° 08′E 224 m]

Period 1931–60 Bibliography 56	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	0·0	−5·8	6·3	−16·9	8·8	−33·0	87	84	35	26	15	29	13	—	—
February	0·4	−6·5	6·6	−17·7	12·9	−33·3	87	80	25	15	12	54	21	—	—
March	3·7	−4·9	11·7	−14·8	18·5	−29·3	87	71	25	19	10	116	32	—	—
April	9·4	−0·3	17·5	−7·9	22·4	−18·1	81	62	31	25	11	152	35	—	—
May	15·0	3·3	23·8	−3·3	28·7	−7·2	76	59	41	43	11	227	44	—	—
June	19·4	8·0	26·9	1·7	33·2	−2·0	75	60	54	83	12	233	43	—	—
July	21·4	10·7	28·2	5·3	33·4	0·2	81	65	71	65	14	218	40	—	—
August	20·4	10·1	26·7	3·7	31·8	0·0	85	66	69	64	14	192	40	—	—
September	16·0	6·9	21·9	−0·8	26·8	−5·8	89	70	57	36	14	125	32	—	—
October	10·4	2·9	16·6	−4·7	20·2	−9·8	88	73	50	25	14	76	24	—	—
November	5·2	0·1	10·3	−8·5	13·4	−15·0	89	83	43	38	15	29	12	—	—
December	2·3	−2·7	7·7	−13·0	12·6	−24·2	89	86	37	19	16	19	1	—	—
Year	10·3	1·8	29·4*	−20·6*	33·4	−33·3	85	72	538	83	158	1470	23	—	—
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	—	—

Kalmar 56° 39′N 16° 23′E 12 m [Sunshine data for Ölands s. udde 56° 12′N 16° 24′E 4 m]

Period 1931–60 Bibliography 56	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	0·8	−3·5	6·1	−12·5	9·8	−31·0	89	87	37	22	14	38	16	—	—
February	0·9	−4·1	6·7	−11·7	13·5	−23·0	88	84	27	16	12	60	22	—	—
March	3·1	−2·7	9·7	−9·9	16·5	−22·5	88	79	25	22	10	126	34	—	—
April	7·6	1·7	14·3	−3·8	21·0	−12·7	84	74	28	21	10	180	42	—	—
May	12·8	6·1	20·2	0·9	27·7	−3·0	80	71	36	29	10	261	52	—	—
June	17·9	11·0	24·2	6·2	31·0	2·9	78	71	36	40	10	285	54	—	—
July	20·7	14·0	26·0	10·1	31·5	7·4	81	73	56	43	12	281	53	—	—
August	19·9	13·5	24·6	8·9	30·0	5·5	85	73	55	57	12	246	53	—	—
September	16·3	10·1	21·2	3·7	26·0	0·0	87	74	47	51	11	183	48	—	—
October	11·1	6·1	16·0	−0·3	21·0	−4·6	87	77	43	37	12	103	32	—	—
November	6·2	2·4	10·2	−4·5	12·6	−9·7	89	84	43	27	13	42	17	—	—
December	3·3	−0·5	7·9	−8·4	12·5	−14·0	89	87	38	19	14	28	13	—	—
Year	10·1	4·5	27·0*	−14·5*	31·5	−31·0	85	78	471	57	140	1833	41	—	—
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	—	—

Karesuando 68° 27′N 22° 30′E 327 m

Period 1931–60 Bibliography 56	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−9·5	−18·5	1·5	−33·4	7·2	−43·0	87	86	19	14	10	—	—	—	—
February	−9·6	−18·8	0·2	−32·6	6·0	−41·0	86	84	18	12	10	—	—	—	—
March	−4·2	−15·6	4·7	−30·9	10·0	−37·0	84	77	17	12	9	—	—	—	—
April	1·6	−8·9	8·7	−22·0	15·5	−32·0	82	71	19	15	9	—	—	—	—
May	7·5	−1·1	16·1	−7·8	25·0	−21·0	75	65	26	23	9	—	—	—	—
June	14·7	5·6	24·4	−0·2	32·2	−4·0	69	59	46	28	11	—	—	—	—
July	19·1	9·2	27·4	3·9	32·2	−1·0	75	62	63	49	12	—	—	—	—
August	16·2	6·6	23·0	0·3	29·0	−4·6	83	67	57	32	13	—	—	—	—
September	9·5	1·8	16·6	−5·0	22·5	−12·0	87	72	41	30	12	—	—	—	—
October	1·5	−4·8	8·7	−16·0	16·0	−28·6	89	82	25	28	10	—	—	—	—
November	−4·0	−11·1	3·5	−25·1	7·0	−36·0	89	88	26	18	10	—	—	—	—
December	−7·4	−15·5	2·0	−29·8	6·0	−38·2	88	88	23	14	9	—	—	—	—
Year	3·0	−5·9	28·1*	−36·7*	32·2	−43·0	83	75	380	49	124	—	—	—	—
No. of years	30	30	30	30	30	30	30	30	30	30	30	—	—	—	—

*Average of highest/lowest each year

SWEDEN

Karlstad 59° 22′N 13° 28′E 47 m

Period 1931–60 Bibliography 56	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−1·2	−7·5	5·7	−19·9	9·0	−29·4	88	84	47	28	14	49	22	7·3	17
February	−0·5	−7·8	6·3	−18·7	11·2	−28·0	87	78	31	27	11	70	27	9·3	11
March	3·4	−5·5	10·6	−14·4	17·0	−27·0	86	69	25	24	8	141	39	11·1	7
April	9·3	0·0	16·8	−7·0	22·6	−18·4	78	59	38	31	11	189	44	18·8	7
May	15·7	5·0	23·3	−1·4	27·4	−4·8	71	53	38	68	10	272	52	15·8	4
June	19·7	10·0	26·1	4·5	32·4	0·8	72	57	49	36	12	299	54	16·5	2
July	22·2	12·9	28·2	8·1	34·0	4·4	77	60	64	67	12	290	53	17·0	3
August	20·8	11·8	26·1	6·1	31·8	2·5	83	63	81	64	13	237	49	14·7	3
September	15·9	8·0	20·6	0·8	24·0	−4·2	87	67	70	43	13	162	42	12·4	5
October	9·9	3·4	15·9	−4·2	19·8	−10·2	87	73	61	36	13	84	26	10·0	11
November	4·5	−0·4	10·0	−9·1	12·0	−19·9	89	84	69	38	15	44	19	7·5	18
December	1·5	−3·6	7·2	−14·7	11·2	−27·0	89	87	51	33	15	25	13	5·8	18
Year	10·1	2·2	28·9*	−22·0*	34·0	−29·4	83	69	624	68	147	1862	41	18·8	106
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	8	8

Kristianstad 56° 02′N 14° 09′E 6 m

Period 1931–60 Bibliography 56	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·4	−3·5	7·0	−13·4	9·0	−27·8	86	85	47	35	16	—	—	—	—
February	1·8	−3·7	7·5	−12·3	13·8	−22·6	85	80	35	28	14	—	—	—	—
March	4·7	−2·2	11·5	−9·7	18·0	−22·8	86	73	32	24	12	—	—	—	—
April	10·5	1·9	17·6	−3·8	24·0	−8·5	83	64	32	29	13	—	—	—	—
May	16·4	5·9	24·1	0·3	29·5	−3·5	75	58	39	38	12	—	—	—	—
June	20·4	10·0	26·9	4·6	31·6	0·2	75	60	48	36	12	—	—	—	—
July	22·4	12·6	28·3	8·4	32·9	4·5	81	63	82	95	15	—	—	—	—
August	21·3	12·2	26·6	6·9	33·5	3·0	87	66	65	49	15	—	—	—	—
September	17·3	9·0	22·4	1·9	27·5	−2·0	91	69	52	27	14	—	—	—	—
October	11·7	5·0	16·7	−2·0	19·5	−6·5	91	76	52	30	16	—	—	—	—
November	6·7	2·2	11·4	−4·8	15·5	−10·0	90	85	46	27	17	—	—	—	—
December	3·6	−0·7	8·6	−9·8	13·0	−17·5	89	87	48	25	18	—	—	—	—
Year	11·5	4·1	29·3*	−16·2*	33·5	−27·8	85	72	578	95	174	—	—	—	—
No. of years	30	30	30	30	30	30	30	30	30	30	30	—	—	—	—

Malmö 55° 36′N 13° 03′E 8 m

[Sunshine data for Svalöv 55° 55′N 13° 07′E 72 m]

Period 1931–60 Bibliography 56	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·6	−3·0	6·7	−13·0	9·0	−28·0	88	84	49	18	17	39	16	7·5	20
February	1·7	−3·4	7·0	−12·5	12·2	−23·1	88	82	36	18	13	66	24	9·4	14
March	4·7	−1·9	11·3	−9·8	17·5	−23·3	87	74	30	27	10	125	34	11·1	11
April	10·3	2·2	17·7	−4·0	23·0	−8·2	83	64	33	32	11	177	42	14·1	7
May	16·1	6·1	23·8	−0·1	29·6	−4·5	76	59	38	34	10	269	54	15·6	3
June	19·7	10·1	26·3	4·2	34·0	−0·1	76	60	46	40	11	263	51	15·9	2
July	21·7	12·9	27·7	7·8	31·8	2·5	81	64	65	79	14	253	49	16·1	3
August	21·0	12·5	26·3	6·6	31·1	3·0	85	66	62	46	13	215	46	15·3	2
September	17·4	9·6	22·5	2·3	27·1	−2·2	88	69	53	36	13	172	45	12·5	3
October	11·9	5·5	16·7	−2·3	19·6	−8·5	89	75	53	31	14	84	26	10·5	9
November	7·0	2·5	11·2	−5·0	13·2	−15·0	89	83	44	19	15	35	14	7·2	17
December	3·9	−0·1	8·5	−9·1	11·5	−19·0	89	87	44	19	16	20	1	5·9	21
Year	11·4	4·4	28·9*	−16·0*	34·0	−28·0	85	72	553	79	157	1718	38	15·9	112
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	8	8

*Average of highest/lowest each year

SWEDEN

Östersund 63° 11′N 14° 39′E 338 m

[Sunshine data for Frösön 63° 12′N 14° 29′E 15 m]

Period 1931–60 Bibliography 56	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−5·2	−11·9	4·7	−25·7	9·8	−33·8	85	85	33	19	15	24	14	5·6	19
February	−3·9	−11·0	4·2	−23·0	9·2	−31·4	86	81	23	13	13	56	24	8·7	10
March	0·6	−8·3	8·4	−20·2	16·5	−30·0	84	72	23	17	12	125	35	11·2	6
April	5·9	−2·5	13·5	−10·9	18·8	−18·0	81	66	29	32	12	168	38	14·2	4
May	12·6	2·3	21·3	−3·4	26·5	−6·8	72	55	30	38	11	250	45	16·6	4
June	16·9	7·1	26·0	1·3	33·5	−1·5	74	59	69	39	14	221	37	17·2	3
July	20·0	10·3	27·6	5·1	32·5	2·5	77	62	77	72	15	247	42	18·6	3
August	18·1	9·1	25·0	3·7	31·3	0·2	83	64	74	67	14	228	46	15·4	3
September	12·5	5·4	18·9	−0·6	25·2	−5·2	88	71	51	54	14	126	33	13·2	7
October	5·9	0·7	12·6	−6·6	16·4	−15·2	88	78	43	19	14	76	25	10·4	9
November	0·8	−3·5	7·2	−12·3	12·2	−20·4	89	87	42	23	15	32	16	6·5	16
December	−2·2	−7·6	5·0	−18·8	8·5	−31·0	88	87	37	31	15	15	10	5·4	21
Year	6·8	−0·8	28·5*	−27·8*	33·5	−33·8	83	72	531	72	164	1568	35	18·6	105
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	8	8

Pajala 67° 12′N 23° 25′E 176 m

Period 1931–60 Bibliography 56	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−9·9	−20·7	2·4	−38·0	6·5	−41·7	84	83	29	13	14	3	<1	—	—
February	−7·8	−17·1	1·8	−29·6	5·3	−37·0	84	81	25	7	14	43	19	—	—
March	−1·3	−12·3	7·3	−28·0	8·2	−32·7	81	69	14	7	8	140	39	—	—
April	2·6	−8·0	10·5	−23·2	13·8	−27·2	80	66	22	9	13	200	43	—	—
May	10·0	0·3	20·6	−7·5	24·6	−10·0	73	59	46	18	12	235	38	—	—
June	16·0	5·9	25·4	−0·8	28·6	−2·9	68	58	62	29	13	270	37	—	—
July	19·9	8·4	28·2	2·0	29·6	0·0	72	57	75	30	14	285	42	—	—
August	17·1	6·3	23·6	−1·1	26·2	−3·6	83	63	61	27	14	170	32	—	—
September	10·2	2·0	16·8	−6·2	19·3	−8·0	87	69	24	15	13	115	29	—	—
October	2·0	−5·1	9·7	−18·3	12·6	−25·2	91	83	25	13	11	65	22	—	—
November	−3·5	−10·6	4·7	−27·4	7·3	−32·6	89	87	25	13	13	12	1	—	—
December	−7·9	−16·7	1·8	−32·1	2·6	−34·5	85	85	36	13	13	0	0	—	—
Year	3·9	−5·6	28·2*	−38·3*	29·6	−41·7	83	72	444	30	152	1538	33	—	—
No. of years	5	5	5	5	5	5	5	5	5	5	5	30	30	—	—

Piteå 65° 19′N 21° 28′E 6 m

[Sunshine data for Luleå Kallax 65° 33′N 22° 08′E 10 m]

Period 1931–60 Bibliography 56	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−5·9	−13·2	3·9	−27·5	8·0	−38·0	82	82	37	29	13	24	16	5·2	24
February	−5·5	−14·2	3·9	−26·7	8·5	−36·8	82	79	25	15	13	50	22	8·8	13
March	−0·7	−10·9	8·0	−23·0	11·6	−31·0	80	71	23	28	9	151	42	11·6	7
April	4·7	−4·0	12·1	−14·0	17·5	−22·5	77	66	28	20	10	209	46	15·1	6
May	11·4	1·7	20·0	−3·4	25·0	−7·8	65	56	30	37	8	269	47	17·2	4
June	16·9	7·8	24·5	1·9	32·0	−1·0	66	57	47	63	11	299	46	20·1	3
July	20·6	11·6	27·0	7·0	34·9	3·4	70	61	50	32	12	308	49	18·7	1
August	18·6	9·8	24·3	4·0	28·4	−1·0	78	65	68	73	12	214	42	15·6	5
September	12·9	5·4	19·1	−1·5	24·0	−6·5	83	69	69	53	12	154	39	12·6	6
October	5·7	−0·3	12·8	−9·0	19·8	−19·5	86	77	48	27	12	98	33	10·2	12
November	0·2	−5·6	6·7	−16·3	11·0	−27·0	87	86	48	30	14	34	19	6·1	21
December	−3·1	−9·8	4·6	−22·4	7·5	−31·0	84	83	44	25	15	8	1	1·4	26
Year	6·3	−1·8	27·8*	−29·9*	34·9	−38·0	78	71	517	73	141	1818	40	20·1	128
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	7	7

*Average of highest/lowest each year

SWEDEN

Riksgränsen 68° 26′N 18° 08′E 508 m

[Sunshine data for Abisko 68° 20′N 18° 49′E 388 m]

Period 1954–60 Bibliography 56	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−7·5	−14·8	3·0	−27·5	4·0	−34·5	87	86	81	31	16	0	0	—	—
February	−8·1	−15·0	1·4	−24·4	5·0	−29·5	83	84	50	28	13	36	17	—	—
March	−4·2	−10·6	3·3	−20·1	5·3	−25·0	85	84	61	15	15	120	33	—	—
April	−0·5	−7·8	6·1	−18·0	9·2	−22·0	81	81	43	23	14	170	36	—	—
May	4·8	−1·4	11·6	−7·5	18·1	−16·0	84	81	60	19	15	195	31	—	—
June	9·4	3·1	19·7	1·5	25·2	−4·0	82	74	91	29	19	225	31	—	—
July	15·4	8·3	24·8	3·2	26·2	2·0	83	74	99	35	17	240	32	—	—
August	12·9	7·0	20·9	1·9	24·2	−1·1	89	79	116	47	20	160	29	—	—
September	7·4	2·6	14·2	−2·1	21·8	−5·3	91	85	140	44	19	115	29	—	—
October	1·1	−3·2	7·3	−10·1	9·3	−16·0	90	88	98	107	17	75	26	—	—
November	−2·8	−8·1	4·3	−16·5	7·5	−21·0	88	88	52	40	10	5	<1	—	—
December	−6·9	−13·3	2·0	−21·8	5·5	−29·5	87	86	39	28	13	0	0	—	—
Year	1·7	−4·4	25·0*	−29·3*	26·2	−34·5	86	83	930	107	188	1341	29	—	—
No. of years	7	7	7	7	7	7	7	7	7	7	7	30†	30	—	—

Stensele 65° 04′N 17° 10′E 330 m

Period 1931–60 Bibliography 56	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−8·1	−16·9	3·4	−32·1	7·2	−43·4	87	85	30	16	15	—	—	—	—
February	−6·3	−16·4	3·0	−30·9	7·2	−37·9	87	81	23	12	14	—	—	—	—
March	−0·9	−13·1	7·0	−28·3	11·1	−35·1	86	73	21	16	11	—	—	—	—
April	4·2	−5·6	11·0	−19·1	17·2	−27·3	82	66	25	19	11	—	—	—	—
May	10·8	0·0	19·2	−6·2	25·0	−12·5	70	55	33	23	9	—	—	—	—
June	15·9	5·4	24·4	−1·3	29·0	−3·9	70	57	57	46	13	—	—	—	—
July	19·3	8·6	26·2	2·5	31·0	−0·8	76	60	80	49	15	—	—	—	—
August	17·0	7·0	23·0	0·4	26·7	−3·0	85	65	67	39	15	—	—	—	—
September	11·2	3·0	17·5	−4·3	25·2	−9·1	89	71	47	44	13	—	—	—	—
October	4·2	−2·3	11·1	−11·7	15·1	−18·8	90	80	37	35	13	—	—	—	—
November	−1·5	−7·4	4·9	−19·9	9·2	−31·3	90	88	38	17	15	—	—	—	—
December	−4·8	−12·4	3·4	−26·7	7·0	−40·3	89	88	36	21	16	—	—	—	—
Year	5·1	−4·2	26·9*	−34·8*	31·0	−43·4	83	73	494	49	160	—	—	—	—
No. of years	30	30	30	30	30	30	30	30	30	30	30	—	—	—	—

Stockholm 59° 21′N 18° 04′E 44 m

Period 1931–60 Bibliography 56	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−0·9	−5·1	5·1	−13·9	9·6	−28·2	85	83	43	26	16	41	19	6·9	15
February	−0·9	−5·4	4·9	−13·1	11·8	−24·9	83	77	30	23	14	76	29	9·5	13
March	2·5	−3·6	9·7	−10·7	15·2	−22·0	82	68	25	17	10	151	41	11·4	5
April	8·3	1·0	15·8	−4·7	20·2	−11·5	76	60	31	20	11	208	48	15·1	5
May	14·4	6·0	22·2	0·5	28·0	−3·3	66	53	34	36	11	292	56	16·0	3
June	19·2	10·8	26·0	5·7	32·2	1·0	68	55	45	29	13	318	58	17·0	1
July	21·9	14·1	27·8	10·5	34·6	8·0	74	59	61	42	13	295	54	16·7	2
August	20·2	13·3	26·0	8·9	31·0	4·8	81	64	76	47	14	248	52	15·2	2
September	15·3	9·4	20·7	3·5	25·7	0·1	87	69	60	44	14	174	45	12·3	4
October	9·4	4·8	14·8	−1·3	17·4	−6·5	88	76	48	38	15	103	32	10·4	9
November	4·5	1·0	9·4	−5·5	12·4	−11·0	89	85	53	39	16	41	17	8·1	15
December	1·8	−1·8	6·7	−9·3	12·2	−16·3	88	86	48	33	17	26	13	5·6	19
Year	9·6	3·7	28·6*	−16·1*	34·6	−28·2	81	69	554	47	164	1973	44	17·0	93
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	8	8

*Average of highest/lowest each year

†1931–60

SWEDEN

Storlien 63° 19′N 12° 06′E 595 m [Sunshine data for Skurdalshöjden 63° 20′N 12° 06′E 781 m]

Period 1931–60 Bibliography 56	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−4·7	−12·7	3·5	−29·3	6·8	−39·5	88	87	73	52	14	19	11	—	—
February	−4·5	−12·4	2·6	−26·2	6·0	−35·0	88	86	76	48	14	54	22	—	—
March	−1·6	−10·1	4·7	−23·9	8·2	−35·0	87	82	69	67	15	116	32	—	—
April	2·2	−5·1	7·6	−17·0	11·0	−27·0	86	77	65	22	16	129	29	—	—
May	8·1	−0·6	16·3	−8·4	21·2	−17·0	81	68	55	33	13	210	38	—	—
June	13·7	4·1	22·5	−1·8	28·0	−5·0	80	66	93	35	17	177	30	—	—
July	16·7	7·2	24·6	1·2	28·5	−1·8	82	68	105	44	16	203	34	—	—
August	15·1	6·2	22·3	−0·5	25·0	−6·2	87	70	110	59	16	182	36	—	—
September	10·3	2·9	17·4	−3·7	26·5	−7·8	90	76	111	54	18	116	30	—	—
October	4·5	−1·6	11·5	−12·5	16·4	−23·6	91	82	98	40	16	67	22	—	—
November	0·1	−6·2	5·6	−19·3	8·4	−34·0	90	87	76	57	14	32	16	—	—
December	−2·3	−9·5	4·3	−25·1	7·0	−38·8	89	88	71	28	14	19	13	—	—
Year	4·8	−3·1	25·1•	−31·9•	28·5	−39·5	87	78	1002	67	183	1324	29	—	—
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	—	—

Sveg 62° 02′N 14° 25′E 360 m

Period 1931–60 Bibliography 56	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−5·9	−15·3	4·6	−30·5	10·0	−38·0	85	83	34	34	13	27	14	—	—
February	−3·4	−14·4	5·1	−29·2	10·0	−37·0	84	74	21	14	11	62	25	—	—
March	1·5	−11·1	9·8	−25·5	16·0	−36·0	83	62	21	20	9	131	36	—	—
April	6·8	−4·3	14·6	−15·2	20·8	−27·0	77	56	30	19	10	167	38	—	—
May	14·2	0·4	23·1	−6·8	27·6	−11·0	67	46	36	21	10	228	42	—	—
June	18·5	5·4	27·3	−1·9	35·0	−8·0	69	52	69	45	15	207	36	—	—
July	21·0	8·2	28·8	1·5	36·0	−3·0	76	56	94	38	16	228	40	—	—
August	19·2	6·6	26·5	−0·5	32·0	−5·7	85	59	80	41	14	197	40	—	—
September	13·6	2·7	20·3	−4·7	26·8	−10·0	88	63	57	32	12	132	34	—	—
October	6·6	−2·0	14·2	−11·9	18·6	−25·9	88	71	39	32	12	77	25	—	—
November	0·1	−6·7	7·5	−20·0	13·5	−31·4	90	84	40	25	14	33	16	—	—
December	−3·3	−11·3	4·4	−26·6	8·5	−35·8	87	85	36	30	14	13	1	—	—
Year	7·4	−3·5	29·9•	−32·9•	36·0	−38·0	82	66	557	45	150	1502	33	—	—
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	—	—

Umeå 63° 50′N 20° 17′E 11 m

Period 1931–60 Bibliography 56	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−4·4	−11·8	4·4	−24·6	8·0	−34·6	85	83	49	35	14	—	—	—	—
February	−4·0	−12·2	3·8	−24·4	9·0	−31·0	83	79	30	23	12	—	—	—	—
March	0·0	−9·2	8·1	−21·8	13·6	−32·4	82	70	27	31	9	—	—	—	—
April	5·0	−3·1	12·4	−12·6	17·3	−20·2	76	65	34	42	10	—	—	—	—
May	12·0	1·8	19·9	−4·0	26·2	−7·0	63	55	28	30	8	—	—	—	—
June	17·0	7·2	23·9	0·8	28·9	−2·3	65	58	49	45	11	—	—	—	—
July	20·4	10·9	26·4	5·0	30·0	2·1	70	61	63	54	12	—	—	—	—
August	18·6	9·5	24·0	2·7	27·3	−1·9	78	66	77	51	13	—	—	—	—
September	13·2	5·3	18·6	−2·6	23·9	−6·0	85	70	61	36	13	—	—	—	—
October	6·6	0·2	12·8	−8·7	18·5	−14·5	88	77	59	47	13	—	—	—	—
November	1·5	−3·8	7·1	−14·4	10·0	−24·0	89	86	67	38	16	—	—	—	—
December	−1·5	−7·5	4·8	−19·3	9·0	−29·0	87	86	57	31	16	—	—	—	—
Year	7·0	−1·6	27·0•	−27·1•	30·0	−34·6	79	71	601	54	147	—	—	—	—
No. of years	30	30	30	30	30	30	30	30	30	30	30	—	—	—	—

•Average of highest/lowest each year

SWEDEN

Västerås 59° 37′N 16° 33′E 18 m [Sunshine data for Marsta 59° 56′N 17° 36′E height not known]

Period 1931–60 Bibliography 56	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−1·3	−6·9	5·5	−18·6	9·0	−28·0	85	82	38	17	16	29	14	—	—
February	−0·8	−7·3	5·5	−17·2	11·3	−27·5	83	74	30	18	14	60	23	—	—
March	3·3	−4·9	10·6	−14·7	17·1	−24·2	80	62	26	29	10	126	35	—	—
April	9·6	0·2	17·7	−6·5	22·2	−17·2	74	54	31	16	12	183	42	—	—
May	16·5	5·1	24·7	−1·1	28·9	−3·8	66	48	37	47	12	254	48	—	—
June	20·9	10·0	28·1	4·1	35·0	−1·4	69	52	50	40	14	260	46	—	—
July	23·5	12·7	29·9	8·0	36·0	4·4	75	55	63	71	14	248	44	—	—
August	21·4	11·7	27·9	6·2	32·5	1·2	81	60	75	68	15	207	43	—	—
September	16·0	7·8	21·9	0·7	26·3	−4·2	87	65	54	43	14	152	39	—	—
October	9·5	3·3	15·4	−3·7	18·2	−9·5	87	69	48	33	15	87	27	—	—
November	3·9	−0·1	9·8	−8·6	13·0	−14·7	88	83	49	31	17	34	15	—	—
December	1·3	−3·3	7·1	−13·3	12·4	−21·5	87	85	42	23	17	14	1	—	—
Year	10·3	2·4	30·7*	−20·9*	36·0	−28·0	81	66	543	71	170	1576	35	—	—
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	—	—

Västervik 57° 47′N 16° 38′E 9 m [Sunshine data for Mossen 57° 17′N 17° 00′E 10 m]

Period 1931–60 Bibliography 56	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·4	−4·8	6·7	−14·8	10·8	−31·4	88	84	39	22	15	28	12	—	—
February	0·7	−5·6	7·3	−15·3	14·1	−30·6	87	78	34	24	12	55	21	—	—
March	3·9	−3·9	12·1	−12·6	18·4	−26·5	85	70	28	25	10	126	35	—	—
April	9·2	0·6	17·2	−6·1	23·3	−15·3	80	62	30	29	10	189	44	—	—
May	14·5	5·0	22·9	−0·5	28·9	−4·5	73	59	40	33	10	255	49	—	—
June	19·5	9·8	26·0	4·7	31·0	0·5	72	59	39	42	12	264	49	—	—
July	21·9	12·9	28·3	9·0	33·2	6·0	77	63	67	113	12	256	47	—	—
August	20·8	12·3	26·3	7·8	31·8	3·8	83	65	67	92	14	240	50	—	—
September	16·4	8·7	22·4	2·3	27·4	−0·7	88	68	55	62	12	176	46	—	—
October	10·7	4·5	16·7	−1·8	20·0	−7·0	89	74	50	37	13	103	32	—	—
November	5·7	0·9	10·9	−6·3	15·0	−11·0	90	84	56	31	15	26	11	—	—
December	2·8	−1·6	8·2	−9·9	13·6	−17·4	90	87	48	27	16	15	1	—	—
Year	10·5	3·3	29·3*	−18·1*	33·2	−31·4	83	71	553	113	151	1733	38	—	—
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	—	—

Visby 57° 39′N 18° 18′E 28 m

Period 1931–60 Bibliography 56	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·0	−2·7	5·7	−9·7	10·0	−25·0	86	84	53	21	18	28	12	7·2	17
February	0·5	−3·5	5·3	−10·0	9·5	−20·9	85	81	44	29	15	56	21	9·3	13
March	2·8	−2·4	8·9	−8·5	14·8	−21·0	84	77	29	18	12	128	35	11·4	5
April	7·9	1·3	15·3	−3·8	22·2	−12·3	79	71	31	22	10	208	48	14·0	5
May	13·5	5·3	21·8	0·4	27·5	−3·1	75	67	30	29	9	292	57	16·2	3
June	18·2	10·2	25·4	5·4	29·5	0·0	77	68	32	37	9	317	59	16·7	1
July	20·9	13·7	27·0	9·7	32·0	8·0	79	71	51	45	11	302	56	16·4	2
August	20·0	13·4	25·6	9·1	30·2	3·6	83	73	56	48	12	255	54	14·9	1
September	15·8	10·3	21·1	4·9	27·5	0·8	86	75	51	43	12	186	48	12·0	4
October	10·5	6·1	15·1	0·4	20·0	−2·9	86	78	51	35	14	108	34	10·3	7
November	6·1	2·5	10·1	−2·7	11·8	−6·4	87	84	48	30	16	30	13	8·0	13
December	3·3	0·0	7·3	−5·8	10·8	−13·3	87	85	53	22	18	22	11	6·0	18
Year	10·0	4·5	28·0*	−12·1*	32·0	−25·0	83	76	529	48	156	1932	43	16·7	89
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	8	8

*Average of highest/lowest each year

SWITZERLAND

Andermatt 46° 38′N 8° 35′E 1442 m

Period 1931–60 Bibliography 57	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						per cent		millimetres			hours		hours	
January	—	—	4·5	−19·5	8·0	−27·8	—	—	104	72	13	—	—	—	—
February	—	—	5·7	−18·0	9·4	−28·5	—	—	107	125	13	—	—	—	—
March	—	—	8·8	−15·0	12·2	−22·7	—	—	100	70	12	—	—	—	—
April	—	—	12·5	−7·4	17·8	−15·2	—	—	97	62	13	—	—	—	—
May	—	—	17·9	−2·1	23·3	−8·2	—	—	117	68	15	—	—	—	—
June	—	—	21·6	2·2	26·6	0·0	—	—	121	116	15	—	—	—	—
July	—	—	23·5	4·3	28·3	0·6	—	—	121	89	15	—	—	—	—
August	—	—	22·6	3·3	27·8	−1·6	—	—	135	124	14	—	—	—	—
September	—	—	19·8	0·1	23·0	−4·6	—	—	116	125	13	—	—	—	—
October	—	—	15·6	−6·0	19·8	−10·8	—	—	119	122	12	—	—	—	—
November	—	—	8·8	−11·7	15·3	−17·4	—	—	117	82	12	—	—	—	—
December	—	—	5·5	−17·0	10·0	−25·0	—	—	91	85	12	—	—	—	—
Year	—	—	24·5*	−21·9*	28·3	−28·5	—	—	1345	125	159	—	—	—	—
No. of years	—	—	30	30	30	30	—	—	30	30	30	—	—	—	—

Basel (Bâle ; Basle) 47° 33′N 7° 35′E 317 m

Period 1931–60 Bibliography 57	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max	Min.	Max.	Min.	0700	1300							
	degrees Celsius						per cent		millimetres			hours		hours	
January	3·6	−2·7	11·8	−11·2	18·7	−24·1	88	75	53	28	13	62	23	8·9	11
February	6·0	−2·0	14·1	−10·3	19·7	−23·8	88	68	40	26	11	82	28	10·0	8
March	11·5	1·0	19·9	−6·1	24·5	−14·5	87	58	48	30	11	141	38	11·5	5
April	15·9	4·1	24·7	−2·0	30·5	−6·3	81	54	55	49	12	163	40	13·4	4
May	20·3	7·8	28·8	1·0	33·5	−2·7	81	56	76	60	13	195	42	14·6	3
June	23·9	11·4	32·0	5·8	38·4	2·8	80	58	93	46	13	215	45	15·1	1
July	25·9	13·0	33·7	7·8	39·0	5·1	80	57	86	46	12	231	48	15·1	1
August	25·2	12·9	33·2	7·3	38·7	3·6	84	58	94	53	12	209	47	14·1	1
September	21·7	10·3	29·6	3·5	35·0	−1·3	91	64	79	53	12	160	42	12·2	3
October	15·1	5·7	23·4	−1·0	28·0	−5·4	93	69	60	41	11	109	32	10·6	6
November	8·5	2·0	16·0	−4·3	20·1	−7·8	91	75	56	50	12	60	21	9·2	10
December	4·2	−1·3	12·8	−9·2	18·3	−20·9	90	78	44	40	12	53	20	8·4	12
Year	15·1	5·2	35·0*	−14·5*	39·0	−24·1	86	64	784	60	144	1680	38	15·1	65
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30

Bern (Berne) 46° 57′N 7° 26′E 572 m

Period 1931–60 Bibliography 57	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max	Min.	0700	1300							
	degrees Celsius						per cent		millimetres			hours		hours	
January	1·7	−3·7	8·7	−11·2	15·0	−19·2	89	78	61	33	12	56	20	8·7	13
February	4·2	−2·7	11·5	−9·9	17·4	−21·6	89	69	54	36	11	89	31	10·1	7
March	9·3	0·5	16·8	−5·6	20·5	−14·1	89	61	59	37	10	148	40	11·4	5
April	14·0	4·0	21·7	−1·3	26·3	−4·5	86	55	68	48	13	173	42	13·5	4
May	17·9	7·9	25·3	1·9	29·7	−2·2	84	56	93	65	14	203	44	14·6	3
June	21·1	11·4	28·4	6·4	33·7	3·3	84	56	123	51	14	225	47	15·2	2
July	23·1	13·1	29·8	8·7	35·4	6·6	84	56	119	53	13	248	52	14·9	1
August	22·4	12·8	29·4	8·3	34·2	4·7	88	58	116	55	14	225	51	14·0	1
September	18·9	10·2	25·5	4·5	30·4	−0·5	92	65	101	58	12	169	45	12·2	3
October	12·7	5·2	20·0	−0·4	23·7	−3·8	94	71	70	42	12	115	34	10·5	7
November	6·6	1·3	13·0	−3·8	18·1	−9·2	92	78	68	68	12	59	21	8·9	11
December	2·5	−2·2	9·7	−8·8	13·6	−15·7	91	81	54	47	10	46	17	8·1	14
Year	12·9	4·8	31·0*	−13·4*	35·4	−21·6	89	65	986	68	147	1756	39	15·2	71
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30

*Average of highest/lowest each year

SWITZERLAND

Genève (Genf; Geneva) 46° 12′N 6° 09′E 405 m

Period 1931–60 Bibliography 57	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	3·6	−1·5	11·5	−7·8	15·6	−12·5	87	78	63	60	11	54	19	9·0	14
February	5·5	−0·9	12·7	−7·0	19·5	−18·3	86	71	56	39	9	98	34	10·0	7
March	10·4	2·1	18·1	−3·7	22·4	−10·3	84	62	55	47	9	169	46	12·0	5
April	14·8	5·4	22·2	−0·1	27·3	−3·3	79	56	51	33	9	206	51	13·5	3
May	19·1	9·2	26·4	3·0	31·9	−1·7	79	58	68	45	11	243	53	14·5	2
June	22·9	12·7	30·1	7·3	35·7	4·3	78	58	89	58	11	269	57	14·8	1
July	25·2	14·5	31·9	9·4	36·4	6·2	77	56	64	50	9	297	62	14·9	1
August	24·4	14·3	31·2	9·3	36·0	5·1	82	59	94	63	11	266	61	14·0	1
September	20·5	11·6	27·2	5·8	32·4	2·0	87	65	99	80	10	199	53	12·6	3
October	14·3	6·9	21·3	0·8	25·1	−2·8	89	71	72	52	10	131	39	10·7	6
November	8·3	3·0	14·6	−2·5	18·5	−7·0	88	76	83	76	11	61	21	9·0	12
December	4·4	−0·3	12·2	−5·9	15·2	−13·3	88	79	59	54	10	44	16	7·9	16
Year	14·5	6·4	32·9*	−9·7*	36·4	−18·3	84	66	853	80	121	2037	46	14·9	71
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30

Interlaken 46° 42′N 7° 51′E 595 m

Period 1931–60 Bibliography 57	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max	Min.	Max.	Min.	Max.	Min.	0700	1300							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	—	—	7·7	−9·3	12·8	−16·4	85	71	90	67	12	—	—	—	—
February	—	—	9·8	−8·4	15·2	−19·0	85	64	85	60	12	—	—	—	—
March	—	—	15·8	−4·8	18·8	−12·5	84	56	73	62	10	—	—	—	—
April	—	—	20·5	−0·1	28·0	−4·4	82	54	81	52	12	—	—	—	—
May	—	—	24·2	4·4	29·2	0·8	81	54	102	48	15	—	—	—	—
June	—	—	27·1	7·8	31·0	4·6	80	55	139	77	17	—	—	—	—
July	—	—	28·3	9·5	33·1	4·8	81	55	154	65	15	—	—	—	—
August	—	—	27·6	9·6	32·0	6·5	84	56	146	68	15	—	—	—	—
September	—	—	23·9	5·6	28·5	0·4	89	60	112	45	12	—	—	—	—
October	—	—	18·1	0·7	21·8	−2·0	90	64	89	92	12	—	—	—	—
November	—	—	13·0	−3·2	19·0	−8·2	88	69	92	109	11	—	—	—	—
December	—	—	8·7	−7·9	13·5	−13·0	86	73	72	69	11	—	—	—	—
Year	—	—	29·4*	−11·3*	33·1	−19·0	85	61	1235	109	154	—	—	—	—
No. of years	—	—	30	30	30	30	30	30	30	30	30	—	—	—	—

Jungfraujoch 46° 33′N 7° 59′E 3576 m

Period 1938–60 Bibliography 57	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	—	—	−5·4	−25·9	−2·4	−30·6	71	70	—	—	—	91	33	—	—
February	—	—	−5·0	−26·1	0·0	−36·9	73	72	—	—	—	100	34	—	—
March	—	—	−4·7	−22·4	−1·0	−31·8	71	72	—	—	—	153	42	—	—
April	—	—	−3·1	−20·7	0·2	−28·4	71	75	—	—	—	164	40	—	—
May	—	—	0·6	−16·4	4·6	−23·6	77	80	—	—	—	162	35	—	—
June	—	—	3·5	−11·3	7·4	−15·8	74	79	—	—	—	182	38	—	—
July	—	—	5·9	−9·2	9·8	−12·4	71	77	—	—	—	208	43	—	—
August	—	—	5·6	−9·0	8·4	−12·2	73	77	—	—	—	197	45	—	—
September	—	—	4·1	−11·8	7·4	−17·2	70	72	—	—	—	173	46	—	—
October	—	—	1·2	−17·0	5·0	−24·8	70	70	—	—	—	140	41	—	—
November	—	—	−2·6	−20·4	1·2	−25·0	72	71	—	—	—	101	36	—	—
December	—	—	−4·3	−24·1	−1·0	−29·0	70	71	—	—	—	92	35	—	—
Year	—	—	7·0*	−28·8*	9·8	−36·9	72	74	—	—	—	1763	39	—	—
No. of years	—	—	22	22	22	22	22	22	—	—	—	20	20	—	—

*Average of highest/lowest each year

SWITZERLAND

Lugano 46° 00′N 8° 58′E 276 m

Period 1931–60 Bibliography 57	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	6·0	−1·7	13·3	−6·1	24·6	−10·8	76	56	63	68	7	116	41	8·3	8
February	8·7	−0·7	17·1	−5·2	24·6	−10·8	74	52	67	62	7	143	49	10·3	6
March	13·1	2·5	21·3	−2·2	27·0	−6·6	76	50	99	107	9	171	46	11·4	6
April	17·1	6·5	24·9	1·4	31·4	−2·0	74	50	148	92	11	186	46	12·4	5
May	20·8	10·2	28·0	5·0	32·6	0·6	77	53	215	95	15	190	41	13·1	4
June	24·9	13·7	31·2	8·8	36·2	4·2	74	50	198	98	13	235	50	13·5	2
July	27·4	15·8	32·5	11·1	38·0	8·0	74	48	185	129	11	268	56	13·5	1
August	26·6	15·4	32·0	10·7	36·4	8·6	78	51	196	173	12	243	55	12·6	1
September	23·1	12·8	29·1	7·6	32·2	2·0	82	54	159	112	10	189	50	11·9	4
October	16·4	8·1	23·8	2·5	28·2	−2·0	85	57	173	133	10	147	43	10·5	7
November	10·6	3·4	17·4	−1·2	22·8	−4·0	82	59	147	100	10	110	39	8·9	9
December	6·7	−0·3	14·0	−5·3	21·4	−9·4	79	59	95	86	9	102	38	7·3	9
Year	16·8	7·1	33·3*	−7·2*	38·0	−10·8	78	53	1745	173	124	2100	47	13·5	62
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30

Luzern (Lucerne) 47° 03′N 8° 19′E 498 m

Period 1931–60 Bibliography 57	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min	Max.	Min.	Max.	Min.	0700	1300							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	—	—	8·8	−9·3	15·1	−15·2	88	78	66	36	13	40	14	8·4	16
February	—	—	10·8	−8·5	18·8	−21·4	88	71	59	73	12	72	25	9·8	10
March	—	—	16·2	−4·8	19·7	−12·8	87	63	62	49	12	140	38	11·7	6
April	—	—	20·5	−0·1	25·6	−5·2	86	59	79	43	13	163	40	13·2	5
May	—	—	24·9	4·2	29·4	0·1	86	60	119	67	15	188	40	14·6	4
June	—	—	27·6	9·0	31·8	5·7	86	61	151	52	16	196	41	15·2	3
July	—	—	29·0	11·0	33·8	8·8	86	61	160	60	15	221	46	14·7	2
August	—	—	28·0	10·0	32·2	5·4	90	62	154	111	15	198	45	14·1	2
September	—	—	24·4	5·7	28·1	1·0	92	67	110	84	12	149	39	12·9	4
October	—	—	18·8	0·9	22·8	−1·8	94	73	79	46	12	94	28	10·4	9
November	—	—	12·8	−2·4	19·3	−7·1	91	79	66	42	12	46	16	9·0	14
December	—	—	9·7	−7·0	17·0	−12·9	90	81	55	32	12	34	13	7·3	18
Year	—	—	29·8*	−11·4*	33·8	−21·4	89	68	1160	111	159	1541	34	15·2	93
No. of years	—	—	30	30	30	30	29	29	30	30	30	30	30	30	30

St Moritz 46° 30′N 9° 51′E 1833 m

Period 1931–60 Bibliography 57	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	—	—	5·0	−19·1	8·9	−26·0	77	57	40	47	9	101	36	—	—
February	—	—	7·2	−18·1	11·4	−28·3	76	52	42	55	9	126	43	—	—
March	—	—	9·4	−14·9	12·5	−23·2	80	52	36	38	8	163	44	—	—
April	—	—	12·6	−8·2	18·0	−13·8	77	50	45	64	8	171	42	—	—
May	—	—	16·4	−2·8	21·7	−8·6	79	52	71	62	12	176	38	—	—
June	—	—	20·9	1·3	26·4	−3·9	80	52	89	53	13	185	39	—	—
July	—	—	22·3	3·3	28·6	0·4	81	51	105	62	13	216	45	—	—
August	—	—	22·6	2·3	26·8	−0·8	86	53	101	78	12	195	44	—	—
September	—	—	19·6	−1·2	22·9	−5·0	88	54	83	72	10	166	44	—	—
October	—	—	15·1	−7·6	18·9	−13·1	87	55	77	60	10	146	43	—	—
November	—	—	8·7	−12·4	12·6	−17·2	82	59	67	69	9	104	37	—	—
December	—	—	4·8	−17·5	9·2	−25·0	80	60	48	62	9	81	30	—	—
Year	—	—	23·9*	−21·5*	28·6	−28·3	81	54	804	78	122	1830	41	—	—
No. of years	—	—	29	29	29	29	28	28	29	29	29	30	30	—	—

*Average of highest/lowest each year

SWITZERLAND

Säntis 47° 15′N 9° 21′E 2500 m

Period 1931–60 Bibliography 57	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0700	Average of observations at 1300	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−6·9	−11·3	0·3	−20·0	3·2	−26·2	76	74	202	101	16	106	38	9·6	11
February	−6·7	−11·3	0·5	−20·0	5·7	−30·4	76	74	180	80	15	113	39	11·1	10
March	−4·3	−8·8	2·3	−16·7	7·2	−23·7	75	73	164	82	14	153	42	12·0	8
April	−1·7	−6·4	4·7	−14·0	11·6	−19·4	79	78	166	96	16	143	35	14·2	9
May	2·9	−2·2	10·1	−9·5	17·8	−15·3	76	77	197	172	16	162	35	15·1	7
June	6·3	1·1	13·4	−4·7	17·0	−8·3	77	80	249	81	19	149	31	15·8	7
July	8·4	3·0	15·6	−2·7	20·5	−5·2	79	79	302	97	18	172	36	15·5	7
August	8·2	3·2	15·4	−2·4	18·6	−5·4	78	78	278	112	18	165	37	14·7	6
September	6·0	1·3	12·6	−5·9	16·0	−13·0	77	75	209	96	15	159	42	13·2	7
October	1·5	−2·7	8·5	−10·7	12·5	−16·8	74	72	183	82	13	156	46	11·3	8
November	−2·6	−6·5	3·8	−13·7	8·4	−18·9	75	72	190	94	13	122	43	10·0	9
December	−5·6	−9·6	1·4	−17·9	6·1	−24·0	75	71	169	81	15	110	41	8·8	10
Year	0·5	−4·2	16·5*	−22·5*	20·5	−30·4	76	75	2489	172	188	1710	38	15·8	99
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30

Zermatt 46° 01′N 7° 45′E 1635 m

Period 1931–60 Bibliography 57	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0700	Average of observations at 1300	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	—	—	5·8	−17·3	10·2	−23·2	72	53	45	47	9	—	—	—	—
February	—	—	7·8	−16·0	14·8	−24·0	73	49	50	71	9	—	—	—	—
March	—	—	10·9	−13·0	14·3	−19·3	73	47	39	63	8	—	—	—	—
April	—	—	15·8	−6·8	20·2	−11·6	74	44	47	43	9	—	—	—	—
May	—	—	20·4	−1·2	25·3	−7·0	73	44	64	49	12	—	—	—	—
June	—	—	24·5	3·3	29·3	1·0	73	45	71	53	13	—	—	—	—
July	—	—	25·9	4·9	30·2	−1·0	76	45	55	41	11	—	—	—	—
August	—	—	25·0	3·5	28·8	1·0	83	48	71	60	13	—	—	—	—
September	—	—	22·0	0·2	24·6	−4·2	85	49	65	81	10	—	—	—	—
October	—	—	17·4	−5·6	21·6	−10·7	82	49	61	79	10	—	—	—	—
November	—	—	10·6	−10·1	16·7	−17·0	77	52	62	70	10	—	—	—	—
December	—	—	6·1	−15·1	10·4	−20·0	74	53	47	49	9	—	—	—	—
Year	—	—	26·9*	−18·8*	30·2	−24·0	76	48	677	81	123	—	—	—	—
No. of years	—	—	30	30	30	30	30	30	30	30	30	—	—	—	—

Zürich 47° 23′N 8° 33′E 493 m

Period 1931–60 Bibliography 57	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0700	Average of observations at 1300	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·4	−3·1	10·2	−9·9	16·7	−16·5	88	74	74	34	14	47	17	8·5	13
February	5·0	−2·3	13·1	−9·3	19·1	−23·2	88	65	69	45	13	79	27	10·0	8
March	10·4	1·0	19·0	−5·3	21·6	−11·0	86	55	64	45	12	149	40	11·7	5
April	14·9	4·3	23·7	−1·4	30·4	−5·6	81	51	76	41	13	173	42	13·4	3
May	19·4	8·2	27·5	2·2	33·1	−1·8	80	52	101	90	14	207	44	14·5	3
June	22·7	11·7	30·5	6·9	36·2	3·5	80	52	129	81	15	220	46	14·9	2
July	24·5	13·5	32·1	9·3	37·7	6·8	81	52	136	60	14	238	50	14·7	1
August	23·9	13·2	31·3	8·7	35·9	5·2	85	53	124	65	14	219	50	14·0	2
September	20·4	10·5	27·5	4·7	31·7	−0·1	90	57	102	57	12	166	44	12·7	3
October	13·7	6·0	21·6	0·1	26·7	−4·0	92	64	77	38	12	108	32	10·7	7
November	7·2	1·9	14·5	−3·2	19·5	−8·5	90	73	73	47	12	51	18	9·6	12
December	3·0	−1·5	11·2	−7·4	15·3	−13·0	89	76	64	44	13	37	14	7·9	16
Year	14·0	5·3	33·1*	−12·1*	37·7	−23·2	86	60	1089	90	158	1694	38	14·9	75
No. of years	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30

*Average of highest/lowest each year

TURKEY IN EUROPE

Edirne 41°40′N 26°35′E 85 m

Period 1931–59 Bibliography 58	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·6	−1·5	14·5	−9·6	20·0	−22·2	—	—	61	52	13	—	—	—	—
February	8·2	−0·2	16·8	−8·4	21·1	−18·9	—	—	48	37	10	—	—	—	—
March	12·2	2·2	21·9	−4·8	28·0	−10·8	—	—	44	41	10	—	—	—	—
April	18·7	6·8	26·0	−0·1	33·5	−2·3	—	—	47	53	9	—	—	—	—
May	23·9	11·5	30·5	5·8	36·4	0·6	—	—	46	47	11	—	—	—	—
June	28·3	15·0	34·4	10·1	38·4	6·7	—	—	53	81	9	—	—	—	—
July	31·4	17·1	36·4	13·1	41·5	8·0	—	—	34	52	6	—	—	—	—
August	31·2	16·8	36·2	12·1	40·8	8·0	—	—	23	108	4	—	—	—	—
September	26·9	13·1	33·2	6·5	37·8	0·2	—	—	28	75	4	—	—	—	—
October	20·4	9·3	27·7	1·9	34·1	−3·3	—	—	61	110	7	—	—	—	—
November	13·2	5·2	21·4	−2·7	25·1	−11·2	—	—	79	67	11	—	—	—	—
December	7·9	1·0	16·7	−7·7	20·0	−17·1	—	—	71	84	13	—	—	—	—
Year	19·0	8·0	37·4*	−12·9*	41·5	−22·2	—	—	595	110	107	—	—	—	—
No. of years	29	29	29	29	29	29	—	—	29	29	29	—	—	—	—

İstanbul/Kandilli 41°06′N 29°03′E 114 m

Period 1931–60 Bibliography 59, 60	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·0	2·6	15·7	−3·1	18·8	−7·9	82	75	109	66	18	76	26	9·5	12
February	8·6	2·4	16·6	−3·3	21·6	−7·8	82	72	92	57	14	93	31	10·5	8
March	10·5	3·4	20·9	−2·1	27·6	−6·1	81	67	72	46	14	136	37	11·8	7
April	15·7	7·0	25·7	2·1	29·7	−0·8	81	62	46	41	9	193	48	13·4	4
May	20·8	11·5	29·5	6·5	34·7	3·4	82	61	38	43	8	253	57	13·9	2
June	25·2	15·7	32·2	11·7	37·3	8·3	79	58	34	46	6	317	70	14·6	<1
July	27·5	18·4	33·6	14·9	37·6	9·4	79	56	34	166	4	360	78	14·5	<1
August	27·8	18·9	33·9	15·4	40·6	11·4	79	55	30	61	4	339	79	13·4	<1
September	24·3	16·0	31·0	11·3	38·0	6·0	81	59	58	80	7	255	68	12·7	1
October	20·1	12·7	26·5	7·7	32·8	1·4	83	64	81	131	11	181	52	11·4	3
November	14·9	8·8	22·8	2·5	26·5	−3·7	82	71	103	94	14	107	36	10·7	6
December	10·6	5·1	18·0	−0·9	23·0	−8·9	82	74	119	57	18	84	29	9·4	9
Year	17·8	10·2	35·5*	−5·0*	40·6	−8·9	81	64	816	166	127	2394	54	14·6	52
No. of years	30	30	30	30	30	30	25	25	30	27	27	25	25	25	25

Tekirdağ 40°58′N 27°32′E 4 m

Period 1938–59 Bibliography 58	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·2	1·5	15·1	−6·4	18·9	−13·5	—	—	77	66	13	—	—	—	—
February	8·6	2·1	16·9	−5·4	22·7	−13·3	—	—	50	54	10	—	—	—	—
March	10·2	3·4	20·6	−3·5	28·1	−9·0	—	—	59	33	11	—	—	—	—
April	15·3	7·8	24·2	1·6	34·3	−1·0	—	—	38	47	8	—	—	—	—
May	20·2	12·7	27·0	7·1	33·8	2·7	—	—	38	33	8	—	—	—	—
June	24·9	16·5	30·7	12·0	34·0	9·6	—	—	41	54	7	—	—	—	—
July	28·0	18·8	33·2	15·1	37·6	12·8	—	—	22	57	3	—	—	—	—
August	28·3	19·1	32·5	14·9	37·2	11·0	—	—	11	48	2	—	—	—	—
September	24·3	16·1	29·7	10·8	33·7	6·9	—	—	25	42	4	—	—	—	—
October	19·0	11·9	25·0	5·4	27·4	−0·2	—	—	55	79	7	—	—	—	—
November	14·2	8·3	21·5	0·4	29·7	−6·9	—	—	86	78	10	—	—	—	—
December	9·7	4·1	17·0	−3·7	21·6	−11·6	—	—	82	61	12	—	—	—	—
Year	17·5	10·2	34·1*	−8·4*	37·6	−13·5	—	—	584	79	95	—	—	—	—
No. of years	20	20	20	20	20	20	—	—	22	22	22	—	—	—	—

*Average of highest/lowest each year

UNITED KINGDOM

Ambleside 54° 26′N 02° 57′W 46 m England

Period 1931–60 Bibliography 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·7	0·1	10·8	−7·6	12·8	−21·1	—	—	214	99	20	35	14	7·0	18
February	6·7	0·3	10·9	−7·2	14·4	−12·2	—	—	146	95	17	57	21	9·0	12
March	9·4	1·5	15·2	−5·3	20·0	−14·4	—	—	112	58	15	98	27	11·5	9
April	12·3	3·5	18·2	−2·9	23·3	−6·1	—	—	101	44	15	135	32	13·8	5
May	15·9	6·0	22·6	−0·8	27·2	−3·9	—	—	90	35	14	185	37	15·6	4
June	18·6	8·9	26·3	2·8	31·7	−0·6	—	—	111	69	15	171	34	15·7	5
July	19·7	10·8	25·7	5·3	31·7	2·8	—	—	134	60	18	139	27	15·9	5
August	19·1	10·8	25·2	4·8	30·0	2·2	—	—	139	63	17	131	28	14·8	5
September	17·0	8·7	22·5	1·6	26·7	−2·2	—	—	184	90	18	98	26	11·9	6
October	13·2	5·9	17·5	−1·4	22·8	−4·4	—	—	196	75	19	68	21	9·8	10
November	9·4	3·2	13·7	−4·2	17·2	−8·3	—	—	209	87	19	42	16	7·4	14
December	7·1	1·4	11·4	−5·7	13·9	−10·6	—	—	215	86	21	30	13	5·8	19
Year	12·8	5·1	28·3*	−9·6*	31·7	−21·1	—	—	1851	99	208	1188	27	15·9	112
No. of years	28	30	28	30	28	30	—	—	30	30	30	28	28	30	30

Berwick-on-Tweed 55° 46′N 2° 00′W 23 m England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·0	0·8	11·2	−5·8	13·3	−15·0	—	—	49	35	12	54	23	7·5	12
February	6·4	1·2	11·6	−4·9	16·1	−15·6	—	—	34	19	9	77	29	9·1	8
March	8·0	2·4	14·4	−2·8	18·9	−11·1	—	—	37	33	9	111	30	11·1	7
April	10·5	4·2	16·3	−0·9	22·2	−4·4	—	—	34	41	9	157	37	13·9	4
May	12·3	6·3	18·3	1·3	21·7	−1·1	—	—	43	34	9	183	36	15·5	4
June	15·6	9·2	22·8	4·8	28·3	2·2	—	—	43	28	10	190	36	16·0	3
July	17·6	11·3	22·8	7·1	27·2	3·3	—	—	63	45	11	169	32	16·5	3
August	17·3	11·0	22·1	6·4	26·1	2·8	—	—	69	117	11	154	33	14·9	4
September	15·6	9·2	20·9	3·4	23·9	0·0	—	—	50	29	10	136	35	12·6	4
October	12·5	6·6	17·2	0·4	20·0	−2·8	—	—	57	51	12	101	31	10·0	6
November	9·1	3·8	13·8	−2·1	18·3	−7·8	—	—	55	25	12	61	24	8·5	9
December	7·2	2·3	12·1	−3·4	15·0	−9·4	—	—	47	27	12	45	21	6·5	12
Year	11·5	5·7	24·4*	−7·3*	28·3	−15·0	—	—	581	117	126	1438	32	16·5	76
No. of years	30	30	30	30	30	30	—	—	30	30	30	30	30	30	30

Bexhill 50° 50′N 0° 28′E 4 m England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·8	2·0	10·7	−4·5	12·2	−11·7	—	—	77	41	16	64	24	8·0	12
February	6·9	1·9	11·0	−3·6	13·3	−9·4	—	—	53	25	13	81	29	9·8	9
March	9·1	3·4	14·1	−2·1	17·2	−6·7	—	—	45	26	11	136	37	11·0	5
April	12·0	5·6	18·3	0·6	21·7	−1·7	—	—	41	24	11	177	43	13·4	3
May	15·2	8·5	21·5	2·7	25·6	−1·1	—	—	44	36	11	220	46	14·6	1
June	18·2	11·6	24·3	6·8	28·9	4·4	—	—	38	36	10	237	48	15·0	1
July	19·6	13·5	25·1	9·2	30·6	6·7	—	—	53	45	11	220	44	14·9	1
August	20·0	13·7	24·7	9·0	31·1	5·0	—	—	62	52	12	206	46	15·8	1
September	18·2	12·0	22·6	6·2	27·2	1·7	—	—	64	37	13	153	40	12·0	3
October	14·5	8·8	18·2	1·6	23·3	−2·8	—	—	80	44	14	122	37	10·4	5
November	10·7	5·7	14·4	−0·7	16·7	−2·8	—	—	92	47	15	63	23	8·8	10
December	8·1	3·3	12·0	−2·6	15·0	−7·8	—	—	72	29	15	53	21	7·1	13
Year	13·3	7·5	26·9*	−5·8*	31·1	−11·7	—	—	721	52	152	1732	39	15·8	64
No. of years	30	30	30	30	30	30	—	—	30	30	30	25	25	25	25

*Average of highest/lowest each year

UNITED KINGDOM

Birkenhead/Bidston 53° 24′N 3° 04′W 60 m

England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·2	1·8	11·9	−3·9	13·9	−9·4	87	—	64	27	18	49	19	8·1	12
February	6·4	1·9	11·6	−2·8	15·6	−8·3	85	—	46	32	13	66	24	9·9	8
March	8·8	3·2	14·5	−1·4	20·0	−6·7	83	—	40	27	13	110	30	11·4	6
April	11·3	5·4	16·8	1·4	22·8	−1·1	75	—	41	23	13	158	38	13·4	3
May	14·7	7·9	21·8	3·3	26·7	0·0	72	—	55	40	13	195	40	15·2	2
June	17·4	10·9	24·8	6·8	30·6	5·0	75	—	55	42	13	202	40	15·1	2
July	18·6	12·7	24·8	9·8	30·6	7·2	78	—	67	37	15	178	35	15·2	2
August	18·5	12·7	24·5	9·2	28·9	6·1	79	—	80	60	15	168	37	14·3	2
September	16·4	11·0	21·8	6·7	26·1	4·4	81	—	66	31	15	126	33	11·8	3
October	12·8	7·9	17·7	2·6	23·3	0·0	85	—	71	37	17	91	27	9·5	6
November	9·3	5·2	13·9	0·3	17·8	−3·9	86	—	76	33	17	53	20	8·2	10
December	7·4	3·2	12·4	−1·9	14·4	−5·0	87	—	65	27	19	39	17	6·9	13
Year	12·3	7·0	27·3•	−4·9•	30·6	−9·4	81	—	726	60	181	1435	32	15·2	69
No. of years	30	30	30	30	30	30	30	—	30	30	30	30	30	30	30

Birmingham/Edgbaston 52° 29′N 1° 56′W 163 m

England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·3	1·6	11·4	−4·6	13·3	−11·7	89	82	74	42	17	43	16	7·3	14
February	6·0	1·5	12·0	−4·0	15·6	−8·9	89	76	54	26	15	58	21	9·0	9
March	9·1	2·7	15·6	−2·4	20·6	−7·2	85	68	50	33	13	98	27	11·2	8
April	12·2	4·7	18·8	0·0	23·9	−1·7	75	58	53	38	13	139	33	13·1	3
May	15·6	7·3	23·1	2·2	29·4	−1·1	74	58	64	33	14	167	34	15·3	3
June	18·8	10·4	26·1	6·1	30·6	2·8	74	59	50	33	13	180	36	15·3	2
July	20·2	12·3	26·5	8·4	32·2	6·1	75	62	69	36	15	166	33	15·4	2
August	20·0	12·1	26·0	8·1	32·8	6·1	80	64	69	49	14	159	35	14·0	2
September	17·2	10·3	23·4	5·3	27·2	2·8	84	67	61	39	14	117	31	11·9	3
October	13·0	7·3	18·6	1·4	25·0	−2·2	88	73	69	41	15	86	26	9·9	6
November	8·8	4·7	13·9	−0·7	19·4	−4·4	90	80	84	38	17	48	18	7·7	12
December	6·4	2·9	11·9	−3·1	14·4	−6·1	90	84	67	47	18	38	16	7·0	14
Year	12·7	6·5	28·7•	−5·8•	32·8	−11·7	83	69	764	49	178	1299	29	15·4	78
No. of years	30	30	30	30	30	30	16	13	30	30	30	30	30	30	30

Boscombe Down 51° 10′N 1° 45′W 127 m

England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·0	1·2	11·5	−6·1	13·3	−12·8	93	86	74	33	17	56	21	8·1	12
February	6·7	1·1	12·1	−5·4	15·6	−11·7	93	79	50	42	13	75	27	9·8	8
March	9·9	2·0	15·9	−4·3	21·1	−8·9	89	70	48	24	12	124	34	11·0	5
April	13·0	3·9	19·4	−1·4	25·0	−4·4	80	63	44	25	12	170	41	13·5	2
May	16·3	6·5	23·4	0·6	31·7	−3·3	78	64	51	33	12	203	42	14·6	2
June	19·5	9·6	26·4	5·2	30·6	1·7	78	64	47	36	12	208	42	15·0	2
July	20·9	11·5	27·1	7·6	32·8	3·3	78	64	57	35	13	195	39	15·3	2
August	20·9	11·3	26·6	6·6	31·1	2·8	83	66	61	30	13	185	41	13·5	2
September	18·0	9·6	23·7	3·4	28·9	0·0	88	72	63	47	14	140	37	11·7	3
October	13·9	6·6	19·2	−0·9	25·0	−4·4	92	75	80	51	15	104	31	10·5	5
November	9·6	4·0	14·4	−2·7	17·2	−8·3	94	84	85	36	17	63	23	8·6	10
December	7·0	2·4	12·1	−4·5	14·4	−9·4	94	87	76	34	17	50	20	7·5	13
Year	13·5	5·8	29·3•	−7·7•	32·8	−12·8	87	73	736	51	167	1573	35	15·3	66
No. of years	30	30	30	30	30	30	16	16	30	30	30	28	28	28	28

•Average of highest/lowest each year

UNITED KINGDOM

Bournemouth 50°43′N 1°54′W 42 m England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·4	1·7	11·8	−4·7	12·8	−11·1	—	—	82	38	17	65	25	7·8	11
February	7·8	1·7	12·3	−4·4	14·4	−10·0	—	—	56	37	13	82	29	9·5	8
March	10·4	2·9	15·4	−3·2	21·1	−10·0	—	—	56	23	12	133	36	11·3	5
April	13·4	4·9	19·7	−0·2	26·1	−2·2	—	—	45	22	12	185	45	13·5	3
May	16·7	7·5	23·3	1·9	30·6	−1·7	—	—	52	47	11	218	45	15·1	2
June	19·7	10·7	26·2	6·0	31·1	3·3	—	—	47	39	11	230	47	15·5	1
July	21·1	12·7	26·7	8·3	32·2	6·7	—	—	58	50	12	213	43	15·4	2
August	21·1	12·6	26·1	7·8	33·9	5·0	—	—	61	40	12	206	46	14·2	2
September	18·7	10·7	23·7	4·8	27·8	1·7	—	—	72	54	13	150	39	12·0	3
October	14·8	7·7	19·0	0·6	22·8	−2·8	—	—	89	50	14	116	35	10·6	5
November	10·8	4·9	14·8	−1·5	16·7	−4·4	—	—	95	50	16	71	26	8·7	9
December	8·4	3·1	12·4	−3·7	14·4	−7·8	—	—	87	42	17	57	23	7·0	12
Year	14·2	6·8	28·8*	−6·5*	33·9	−11·1	—	—	800	54	160	1726	39	15·5	63
No. of years	30	30	30	30	30	30	—	—	30	30	30	30	30	30	30

Bradford 53°49′N 1°46′W 134 m England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·3	0·4	11·2	−6·1	13·9	−13·9	—	—	90	59	15	32	13	6·0	16
February	5·7	0·6	11·3	−5·4	15·6	−10·0	—	—	72	32	13	54	20	9·1	10
March	8·2	1·9	14·7	−3·9	20·0	−11·1	—	—	49	31	11	86	23	10·7	8
April	11·3	4·0	17·8	−1·3	23·9	−3·9	—	—	54	34	10	136	32	12·6	4
May	14·8	6·5	22·1	0·8	28·3	−1·1	—	—	58	55	11	173	35	14·8	3
June	17·9	9·6	25·1	4·8	31·1	2·2	—	—	53	31	10	191	37	15·4	3
July	19·4	11·7	25·5	7·4	30·6	5·0	—	—	68	56	12	169	33	14·7	2
August	18·9	11·5	24·5	6·7	31·1	3·3	—	—	77	52	11	151	33	13·0	3
September	16·5	9·6	22·2	3·3	27·2	0·0	—	—	67	58	11	112	29	10·7	4
October	12·5	6·5	17·9	−0·2	24·4	−5·6	—	—	80	45	13	75	23	9·2	7
November	8·6	3·8	13·5	−2·0	18·9	−6·1	—	—	91	35	15	39	15	7·6	14
December	6·6	1·9	11·7	−4·2	14·4	−7·2	—	—	81	44	15	24	10	5·2	18
Year	12·1	5·7	27·4*	−7·5*	31·1	−13·9	—	—	840	59	147	1242	28	15·4	92
No. of years	30	30	30	30	30	30	—	—	30	30	30	30	30	30	30

Bude 50°50′N 4°33′W 15 m England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·6	3·3	12·2	−3·9	14·4	−10·6	84	—	89	43	20	59	23	7·7	11
February	8·2	2·9	12·2	−3·9	15·6	−11·1	83	—	60	21	16	79	28	9·4	8
March	10·5	4·0	15·6	−2·8	20·6	−7·2	80	—	56	39	14	135	37	11·3	5
April	12·4	5·6	18·9	0·0	25·0	−3·3	79	—	46	28	13	182	44	13·7	3
May	15·1	7·7	21·7	1·7	28·3	−2·2	78	—	56	29	13	212	44	14·8	2
June	17·7	10·8	24·4	5·0	29·4	1·7	80	—	48	39	13	215	44	15·5	2
July	18·7	12·7	24·4	6·7	31·7	3·9	82	—	72	40	16	184	37	15·3	3
August	19·2	12·7	25·0	6·7	31·7	3·9	81	—	75	47	15	187	41	14·1	2
September	17·7	11·3	22·8	4·4	28·3	0·6	81	—	78	45	16	142	37	12·5	3
October	14·7	8·6	18·9	1·7	24·4	−2·8	82	—	95	52	17	111	33	10·3	6
November	11·6	6·0	15·0	−1·1	17·8	−5·6	83	—	100	62	18	67	25	8·4	9
December	9·5	4·3	13·3	−2·8	16·1	−7·2	83	—	94	37	20	52	21	7·0	11
Year	13·7	7·5	27·8*	−5·6*	31·7	−11·1	81	—	869	62	191	1625	36	15·5	65
No. of years	30	30	30	30	30	30	26	—	30	30	30	30	30	30	30

*Average of highest/lowest each year

UNITED KINGDOM

Buxton 53°16′N 1°55′W 307 m — England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0900	Average of observations at 1500	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						per cent		millimetres			hours		hours	
January	4·2	−0·5	9·8	−8·1	11·7	−18·3	90	—	142	51	20	21	8	6·3	16
February	4·5	−0·4	9·8	−7·6	13·9	−15·0	89	—	102	65	16	45	16	8·9	10
March	7·2	0·8	13·8	−5·7	18·9	−16·7	84	—	78	42	14	89	24	10·5	8
April	10·1	2·8	16·6	−2·4	22·2	−3·9	77	—	81	43	14	124	30	12·7	4
May	13·5	5·4	21·2	−0·7	27·2	−4·4	75	—	71	44	13	165	34	14·6	3
June	16·7	8·4	24·2	3·2	28·9	1·1	76	—	85	54	14	174	34	15·1	3
July	17·9	10·6	24·3	6·2	30·0	3·9	80	—	109	39	16	148	29	14·7	2
August	17·7	10·3	23·7	4·8	29·4	2·2	82	—	96	42	15	142	31	13·7	2
September	15·2	8·5	20·9	2·0	25·0	−1·7	85	—	102	51	15	108	28	11·8	4
October	11·3	5·5	16·8	−1·7	22·8	−5·6	86	—	124	51	16	75	23	8·9	7
November	7·6	3·0	12·2	−3·2	16·7	−7·2	89	—	132	45	19	31	12	7·6	13
December	5·4	1·1	10·4	−5·3	12·2	−13·3	90	—	133	60	19	11	5	3·4	19
Year	10·9	4·6	26·5*	−10·1*	30·0	−18·3	84	—	1255	65	191	1133	25	15·1	91
No. of years	30	30	30	30	30	30	30	—	30	30	30	30	30	30	30

Cambridge 52°12′N 0°08′E 12 m — England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0900	Average of observations at 2100	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						per cent		millimetres			hours		hours	
January	6·3	0·6	12·4	−6·9	14·4	−13·3	90	91	49	27	15	52	20	7·4	12
February	7·2	0·5	13·2	−6·3	17·8	−17·2	88	89	35	25	13	69	25	9·5	8
March	10·5	1·6	17·1	−4·4	21·7	−11·7	84	86	36	25	10	117	32	11·2	6
April	13·7	3·8	20·4	−2·2	26·1	−4·4	73	74	37	20	11	153	37	13·2	3
May	17·2	6·5	24·9	−0·4	30·6	−4·4	71	79	45	31	11	192	40	14·9	3
June	20·5	9·7	27·8	4·2	33·9	1·1	70	80	45	32	11	202	41	15·6	2
July	22·2	11·8	28·4	6·3	34·4	3·3	73	80	58	57	12	186	37	15·3	2
August	22·0	11·5	28·4	6·0	35·6	3·3	76	82	55	37	12	177	39	14·0	2
September	19·2	9·5	25·7	2·6	31·1	0·0	79	86	51	45	11	138	36	12·3	2
October	14·6	6·1	19·8	−1·4	26·7	−6·1	84	88	51	29	13	105	32	9·5	5
November	9·9	3·5	15·1	−2·9	21·1	−8·3	89	90	54	28	14	57	21	8·3	11
December	7·3	1·7	12·7	−5·6	15·6	−10·6	91	91	42	23	14	42	17	7·1	14
Year	14·2	5·6	30·6*	−8·6*	35·6	−17·2	81	85	558	57	147	1490	33	15·6	70
No. of years	30	30	30	30	30	30	30	26	30	30	30	30	30	30	30

Clacton-on-Sea 51°47′N 1°09′E 16 m — England

Period 1931–42 1946–60 Bibliography 61, 62, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0900	Average of observations at 1500	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						per cent		millimetres			hours		hours	
January	5·9	1·4	10·6	−3·9	13·3	−7·8	90	—	55	43	16	57	22	7·8	12
February	6·1	1·2	11·1	−3·3	13·9	−9·4	89	—	38	23	14	76	27	9·9	8
March	8·3	3·0	13·9	−1·7	21·7	−7·2	86	—	37	19	12	131	36	11·3	6
April	11·4	5·0	16·7	0·6	21·1	−1·7	81	—	35	22	12	169	41	13·3	2
May	14·7	8·1	20·0	2·8	23·3	−2·2	80	—	40	34	11	210	44	14·9	2
June	18·5	11·4	23·9	6·1	27·2	3·9	78	—	41	45	11	231	47	15·7	1
July	20·6	13·5	25·6	8·9	28·9	5·6	80	—	47	40	11	212	43	15·5	1
August	20·5	13·5	24·4	8·9	29·4	5·6	81	—	48	52	11	199	44	14·6	1
September	18·3	11·7	22·8	6·7	26·7	3·3	83	—	50	46	12	161	42	12·5	2
October	14·1	8·2	18·3	1·1	21·7	−1·7	86	—	58	39	13	116	35	10·6	5
November	9·9	5·1	13·9	−0·6	21·1	−3·3	89	—	58	26	15	64	24	8·5	11
December	7·2	2·8	11·7	−2·8	14·4	−6·1	90	—	48	23	15	48	19	7·4	13
Year	12·9	7·1	26·7*	−5·6*	29·4	−9·4	84	—	555	52	153	1674	37	15·7	64
No. of years	25	25	27	27	27	27	27	—	25	27	27	27	27	27	27

*Average of highest/lowest each year

Cockle Park 55°13′N 1°41′W 99 m England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	5·2	0·0	10·8	−6·1	13·3	−10·6	87	—	72	34	18	55	23	7·6	12
February	5·8	0·2	11·3	−5·4	16·1	−10·6	86	—	51	62	16	74	27	9·6	8
March	8·1	1·3	14·2	−3·9	18·3	−10·6	84	—	48	37	15	104	28	11·2	7
April	11·0	2·8	17·1	−2·0	23·3	−4·4	79	—	44	38	14	147	35	13·8	4
May	13·7	5·1	20·2	0·0	23·9	−2·2	78	—	53	34	15	175	35	14·5	3
June	17·0	8·0	23·9	3·3	30·0	0·0	77	—	48	37	14	181	35	15·9	3
July	18·9	10·2	23·9	6·1	27·8	3·3	79	—	70	62	16	163	31	14·8	2
August	18·3	9·9	23·3	5·6	27·8	2·2	82	—	77	47	16	144	31	13·8	4
September	16·2	8·1	21·4	3·2	26·7	−2·2	83	—	60	29	16	126	33	12·3	4
October	12·5	5·5	17·7	−0·1	22·8	−3·3	85	—	69	38	17	96	29	10·3	6
November	8·7	3·0	13·7	−2·1	18·9	−5·6	87	—	72	39	18	61	24	8·3	10
December	6·6	1·5	11·7	−3·7	14·4	−6·7	87	—	57	27	19	47	21	6·8	12
Year	11·8	4·6	25·7*	−7·1*	30·0	−10·6	83	—	721	62	194	1373	31	15·9	75
No. of years	30	30	30	30	30	30	27	—	30	30	30	30	30	30	30

Cranwell 53°02′N 0°31′W 62 m England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	5·4	0·5	11·7	−6·2	14·4	−12·8	91	—	56	26	17	55	22	7·9	12
February	6·4	0·5	12·9	−5·5	17·2	−13·9	90	—	43	26	14	72	26	9·5	8
March	9·4	1·6	16·4	−4 1	20·6	−11·1	87	—	37	27	12	113	31	11·5	6
April	12·6	3·8	19·1	−1·3	25·0	−4·4	77	—	38	23	12	157	38	13·5	3
May	16·0	6·2	23·1	0·4	27·2	−2·2	76	—	51	45	12	193	39	15·2	3
June	19·2	9·4	25·4	4·5	32·8	1·1	76	—	50	51	13	198	39	15·9	3
July	21·0	11·6	27·3	7·1	32·8	5·6	77	—	65	131	13	186	37	14·8	2
August	20·8	11·3	26·6	6·3	33·3	3·3	81	—	55	52	13	174	38	14·0	2
September	18·1	9·5	24·4	3·8	30·0	−0·6	83	—	47	34	12	137	36	11·7	2
October	13·7	6·3	18·8	−0·6	25·0	−4·4	88	—	53	40	14	103	31	10·0	5
November	9·2	3·7	14·2	−2·3	18·9	−7·2	92	—	60	29	17	60	23	8·1	10
December	6·6	1·8	12·2	−4·5	14·4	−10·6	92	—	45	43	16	49	21	7·8	12
Year	13·2	5·5	29·4*	−7·8*	33·3	−13·9	84	—	600	131	165	1497	33	15·9	68
No. of years	30	30	30	30	30	30	16	—	30	30	30	30	30	30	30

Cromer 52°56′N 1°17′E 54 m England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	6·3	1·1	11·4	−3·8	13·9	−7·8	91	—	58	27	18	55	22	8·1	11
February	6·7	1·2	12·6	−2·9	18·3	−8·9	90	—	46	37	16	73	26	9·7	9
March	9·2	2·5	16·2	−1·7	23·3	−6·7	86	—	37	22	13	125	34	11·6	6
April	12·0	4·7	19·7	0·8	26·7	−1·1	82	—	39	25	13	162	39	13·5	3
May	14·9	7·3	22·9	2·5	28·3	−1·1	81	—	48	44	11	197	40	15·3	3
June	18·3	10·3	26·7	6·7	32·2	3·9	80	—	39	34	11	203	40	15·3	2
July	20·5	12·4	27·3	9·0	34·4	6·7	81	—	63	48	13	195	38	15·4	2
August	20·2	12·6	26·7	9·3	33·3	7·2	83	—	56	72	12	180	39	13·9	2
September	18·2	11·1	25·3	7·0	32·2	6·1	85	—	54	30	14	150	39	12·2	2
October	14·2	7·9	19·8	2·4	26·1	0·0	87	—	61	29	16	111	34	10·1	5
November	9·9	4·7	14·5	0·0	18·9	−3·9	90	—	64	35	18	60	23	8·3	9
December	7·5	2·6	11·9	−1·9	14·4	−6·1	91	—	53	34	18	50	21	7·2	12
Year	13·1	6·5	29·6*	−4·8*	33·3	−8·9	86	—	618	72	173	1561	35	15·4	66
No. of years	30	30	30	30	30	30	30	—	30	30	30	30	30	30	30

*Average of highest/lowest each year

UNITED KINGDOM

Douglas 54° 10′N 4° 28′W 87 m

Isle of Ma

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·8	2·7	10·7	−2·4	12·8	−7·2	86	—	125	49	20	57	23	7·3	12
February	6·9	2·4	10·7	−2·1	13·3	−4·4	85	—	81	36	16	71	26	9·6	8
March	8·3	3·4	12·9	−1·2	18·3	−5·6	83	—	72	41	15	120	33	11·6	7
April	10·7	4·9	14·9	0·9	18·3	−1·7	79	—	63	30	14	177	42	13·5	3
May	13·6	7·2	19·7	2·4	23·9	0·0	77	—	69	53	14	223	45	15·6	2
June	16·3	9·9	22·6	6·0	26·7	4·4	80	—	72	60	14	221	43	15·8	3
July	17·4	11·5	22·1	8·2	27·8	4·4	83	—	81	50	15	188	37	15·4	2
August	17·5	11·8	22·0	8·1	26·7	5·6	83	—	91	84	15	181	39	14·6	2
September	15·6	10·6	19·6	5·8	22·8	1·7	83	—	111	53	16	138	36	12·2	3
October	12·7	8·2	16·2	2·5	20·6	−3·9	83	—	122	57	18	102	31	10·3	7
November	9·9	5·7	13·3	0·8	16·1	3·9	84	—	124	39	19	61	24	8·2	9
December	8·2	4·1	11·4	−0·7	12·8	−3·3	85	—	128	46	21	45	19	6·7	13
Year	12·0	6·9	24·3•	−3·6•	27·8	−7·2	83	—	1139	84	197	1584	35	15·8	71
No. of years	30	30	30	30	30	30	30	—	30	30	30	30	30	30	30

Dover 51°07′N 1°19′E 6 m

Englan

Period 1931–60 Bibliography 61, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·8	2·2	11·4	−3·3	13·3	−9·4	83	—	79	38	17	60	23	7·6	13
February	6·9	2·1	10·4	−3·6	15·6	−11·1	81	—	58	36	14	77	27	9·6	9
March	9·2	3·4	14·4	−2·1	20·0	−7·8	78	—	46	28	12	136	37	11·5	5
April	12·2	5·7	18·3	0·8	24·4	−1·1	72	—	43	25	12	169	41	13·1	3
May	15·3	8·4	21·8	3·0	27·8	−0·5	73	—	46	36	11	217	45	14·5	2
June	18·4	11·4	24·3	6·7	28·9	4·4	73	—	41	27	10	236	48	15·2	1
July	20·1	13·5	25·7	9·3	30·6	4·4	75	—	62	42	11	218	44	15·1	1
August	20·5	13·6	25·6	9·3	31·1	5·0	75	—	60	46	12	203	45	13·9	1
September	18·7	12·1	23·5	6·6	26·7	0·0	75	—	62	46	12	162	43	12·1	2
October	14·8	8·9	18·9	1·9	23·9	−1·7	77	—	88	86	14	119	36	10·5	5
November	10·8	5·8	15·1	0·1	17·8	−4·4	81	—	94	52	15	62	23	8·6	10
December	8·1	3·5	12·3	−2·2	15·0	−7·2	82	—	72	44	17	50	20	7·2	13
Year	13·5	7·5	27·3•	−5·5•	31·1	−11·1	77	—	751	86	157	1709	38	15·2	65
No. of years	30	30	30	30	30	30	28	—	30	30	30	23	23	24	24

Durham 54°46′N 1°35′W 102 m

Englan

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	2100							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·6	0·1	11·7	−7·3	15·0	−16·1	88	89	59	29	17	52	21	7·2	12
February	6·2	0·3	11·8	−6·3	15·0	−12·2	88	89	51	50	15	69	25	9·3	9
March	8·8	1·4	15·4	−4·2	21·7	−15·0	84	87	38	23	14	102	28	10·8	8
April	11·7	3·2	18·2	−2·5	23·9	−5·6	78	85	38	32	13	138	33	13·3	4
May	14·7	5·5	21·7	−0·3	27·2	−2·8	78	86	51	35	13	168	34	15·3	3
June	18·0	8·5	25·3	3·3	30·0	0·6	76	85	49	38	14	180	35	15·8	3
July	19·8	10·7	25·4	5·9	30·6	3·3	77	86	61	43	15	159	31	15·3	2
August	19·3	10·4	24·9	5·3	30·0	1·7	80	88	67	48	14	149	32	13·9	4
September	17·0	8·5	22·7	2·5	27·2	−1·7	82	88	60	56	14	123	32	12·6	4
October	13·1	5·7	18·2	−1·0	23·3	−4·4	85	88	63	37	16	93	28	9·9	6
November	9·0	3·3	14·1	−3·0	18·9	−7·2	88	89	66	40	17	57	22	8·4	11
December	6·7	1·5	11·9	−4·6	14·4	−8·9	88	89	55	30	17	44	19	6·7	13
Year	12·5	4·9	27·4•	−8·8•	30·6	−16·1	83	87	658	56	179	1332	30	15·8	79
No. of years	30	30	30	30	30	30	27	27	30	30	30	30	30	30	30

•Average of highest/lowest each year

UNITED KINGDOM

Exeter 50°44′N 3°25′W 32 m England

Period 1944–60 Bibliography 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·7	2·4	12·8	−6·2	14·4	−15·0	88	80	70	45	15	60	23	7·6	10
February	7·9	2·1	13·3	−5·6	16·1	−12·2	87	75	60	35	13	78	28	9·6	8
March	10·7	3·2	16·1	−3·8	19·4	−7·2	85	71	57	21	12	127	35	11·0	6
April	13·5	4·6	19·6	−1·3	23·9	−3·9	79	65	38	23	11	191	46	13·8	2
May	16·3	7·1	20·5	1·2	30·0	−2·8	77	66	63	37	13	217	45	14·7	2
June	19·0	10·1	24·8	4·5	28·3	1·1	77	67	48	29	12	206	42	15·3	2
July	20·7	12·2	26·7	6·9	30·6	5·6	77	66	55	53	12	202	41	15·1	1
August	20·7	11·8	25·3	5·9	30·0	2·8	81	69	69	60	13	189	42	14·0	1
September	18·3	10·3	22·9	3·1	27·2	0·0	85	71	75	62	14	138	36	11·9	4
October	14·9	7·6	19·6	−0·8	23·3	−4·4	90	75	76	48	14	106	32	9·8	4
November	11·2	5·2	15·5	−2·9	17·2	−5·6	90	80	97	44	16	68	25	8·1	8
December	8·8	3·6	13·6	−4·1	15·0	−8·3	89	83	92	47	18	54	21	7·4	11
Year	14·2	6·7	27·7*	−7·9*	30·6	−15·0	84	72	800	62	163	1636	37	15·3	59
No. of years	17	17	17	17	17	17	15	15	16	17	17	16	16	16	16

Falmouth 50°09′N 5°05′W 51 m England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	9·0	4·3	9·5	−1·7	13·9	−7·2	86	—	128	38	21	61	23	7·9	10
February	8·8	3·8	12·8	−1·7	14·4	−7·8	85	—	91	42	16	78	28	9·7	7
March	10·5	5·1	14·2	0·0	17·2	−5·6	83	—	84	45	15	125	34	11·6	6
April	12·6	6·4	15·9	2·2	22·8	0·0	77	—	61	29	13	185	45	13·5	3
May	15·2	8·6	20·1	3·9	26·7	1·1	76	—	70	33	13	220	46	15·0	2
June	18·1	11·4	23·1	7·2	28·3	5·0	77	—	58	60	12	226	46	15·4	2
July	19·5	13·0	23·6	9·4	27·8	7·2	80	—	72	53	15	203	41	15·4	2
August	19·7	13·3	23·8	10·0	29·4	6·7	80	—	77	41	15	200	45	14·1	2
September	17·9	11·9	21·5	7·2	25·0	3·9	83	—	86	56	16	150	40	12·4	3
October	14·8	9·5	18·1	3·9	21·1	0·6	84	—	102	48	17	109	33	10·4	5
November	11·8	6·8	15·1	1·7	16·7	−0·6	86	—	129	44	19	71	26	8·5	8
December	9·8	5·1	12·8	0·0	15·0	−5·6	86	—	132	37	21	55	22	7·3	11
Year	14·0	8·3	25·0*	−3·9*	29·4	−7·8	82	—	1090	60	193	1683	38	15·4	61
No. of years	30	30	30	30	30	30	30	—	30	30	30	30	30	30	30

Felixstowe 51°57′N 1°20′E 5 m England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·7	2·0	10·6	−3·9	13·9	−7·2	89	85	50	40	16	59	23	7·8	11
February	6·3	1·9	11·1	−3·3	14·4	−11·7	89	81	40	23	14	74	27	9·5	8
March	8·5	3·0	14·4	−2·2	21·7	−8·9	86	76	34	20	12	133	36	11·3	5
April	11·7	5·3	17·8	0·6	23·9	−1·7	78	70	31	16	12	176	42	13·7	2
May	14·9	8·1	21·1	2·8	24·4	−0·6	78	71	37	35	10	218	45	14·9	2
June	18·6	11·4	23·9	6·7	27·8	2·8	76	71	35	42	11	224	45	15·7	1
July	20·7	13·7	25·6	9·4	30·0	7·2	78	71	47	34	12	205	41	15·4	1
August	20·8	13·8	25·0	9·4	28·3	5·0	79	73	47	36	11	193	42	14·2	1
September	18·6	12·2	23·3	6·7	27·8	4·4	81	73	46	40	12	156	41	12·9	2
October	14·3	9·0	18·9	2·2	22·8	−1·1	87	76	58	60	14	115	35	10·6	4
November	9·9	5·8	14·4	0·0	19·4	−3·3	90	83	56	24	16	65	24	8·7	9
December	7·0	3·5	11·7	−2·2	15·6	−5·6	90	86	46	25	16	49	20	7·3	13
Year	13·1	7·5	26·7*	−5·0*	30·0	−11·7	83	76	527	60	156	1667	37	15·7	59
No. of years	30	30	30	30	30	30	15	15	30	30	30	30	30	30	30

*Average of highest/lowest each year

UNITED KINGDOM

Gorleston 52°35′N 1°43′E 2 m

England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	6·0	2·1	11·7	−3·7	14·4	−8·9	88	83	57	33	16	54	21	7·8	13
February	6·4	2·0	12·1	−2·8	16·1	−8·3	87	80	42	24	14	69	25	9·7	9
March	8·1	3·0	14·9	−2·0	22·2	−7·8	86	79	37	21	12	125	34	11·2	6
April	10·9	5·3	17·7	0·7	24·4	−1·1	79	73	36	29	12	166	40	13·4	3
May	13·5	8·1	20·1	2·8	27·8	−0·6	79	77	38	24	10	209	43	15·0	2
June	17·1	11·1	23·8	6·4	28·9	3·9	75	73	44	35	11	215	43	15·9	1
July	19·5	13·2	25·1	8·5	28·9	5·0	77	74	57	59	12	210	42	15·9	1
August	19·6	13·4	24·7	8·9	31·1	6·1	81	74	56	41	12	189	42	14·5	2
September	17·9	11·8	23·1	6·2	26·1	3·3	83	73	52	46	13	152	40	12·3	2
October	14·0	8·7	19·0	1·8	23·3	−1·1	87	78	65	44	14	111	34	10·3	5
November	9·9	5·6	14·3	−0·3	20·0	−4·4	89	83	69	30	17	57	22	8·6	11
December	7·2	3·4	12·3	−2·4	15·0	−5·6	89	85	52	23	16	46	19	6·8	14
Year	12·5	7·3	26·4*	−5·1*	31·1	−8·9	83	78	605	59	159	1603	36	15·9	69
No. of years	30	30	30	30	30	30	16	16	30	30	30	30	30	30	30

Hartland Point 51°01′N 4°32′W 91 m

England

Period 1938–60 Bibliography 61, 62, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	7·3	4·2	11·7	−2·2	13·3	−8·9	86	84	82	34	19	53	20	8·2	11
February	7·0	3·6	11·7	−1·7	16·1	−7·2	88	84	60	22	15	76	27	10·0	8
March	9·1	4·9	14·4	0·0	18·9	−4·4	87	81	53	26	14	134	37	11·3	6
April	10·9	6·5	17·2	2·2	24·4	−3·3	82	80	47	25	12	191	46	13·8	3
May	13·5	8·7	20·0	4·4	25·6	−0·5	84	79	56	29	13	222	46	15·2	2
June	15·9	11·5	22·2	7·8	27·8	3·3	86	81	50	26	12	224	45	15·8	2
July	17·3	13·3	22·8	10·6	30·0	8·9	85	81	76	38	15	193	39	15·6	3
August	17·8	13·7	22·8	10·6	31·1	8·9	86	81	83	54	16	189	42	13·8	2
September	16·4	12·5	21·1	8·3	23·9	6·1	85	80	78	34	16	142	37	12·0	3
October	13·7	9·9	18·3	4·4	24·4	1·1	85	80	87	57	16	107	32	9·9	5
November	10·7	7·4	15·0	2·2	16·7	−1·1	85	83	103	46	19	57	21	8·3	9
December	8·7	5·7	12·8	0·0	16·1	−4·4	87	85	97	33	19	45	18	7·0	11
Year	12·4	8·5	25·6*	−3·3*	31·1	−8·9	85	82	872	57	186	1633	36	15·8	65
No. of years	22	22	23	23	23	23	16	16	29	23	23	23	23	23	23

Herne Bay 51°22′N 1°07′E 4 m

England

Period 1931–41 1947–60 Bibliography 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	6·9	2·1	12·3	−3·8	13·9	−13·3	—	—	53	32	15	56	21	7·3	11
February	7·3	2·0	13·2	−3·7	17·8	−8·9	—	—	40	24	13	79	28	9·8	7
March	9·9	3·6	16·2	−1·8	20·0	−4·4	—	—	35	20	11	136	37	11·1	4
April	12·5	5·6	19·7	0·8	25·6	−2·2	—	—	28	23	11	171	41	13·5	2
May	15·9	8·6	22·9	3·6	27·8	0 0	—	—	39	36	10	213	44	14·8	2
June	19·7	11·7	26·8	6·9	32·8	4·4	—	—	42	34	10	236	48	15·1	1
July	21·8	13·7	27·6	9·9	33·9	8·3	—	—	46	44	10	225	45	15·4	2
August	21·6	13·8	27·4	9·6	33·9	6·1	—	—	49	48	10	213	47	14·3	1
September	19·2	12·0	25·4	6·9	29·4	5·0	—	—	53	51	11	162	42	12·7	2
October	14·4	8·4	19·4	1·6	26·1	−5·6	—	—	64	35	14	117	35	10·3	5
November	10·5	5·5	15·1	−0·3	20·0	−3·9	—	—	65	45	14	61	22	8·4	10
December	7·8	3·2	13·1	−2·3	16·1	−6·7	—	—	47	21	15	44	18	6·9	13
Year	14·0	7·5	29·6*	−5·4*	33·9	13·3	—	—	561	51	144	1713	38	15·4	60
No. of years	25	25	25	25	25	25	—	—	25	25	25	25	25	25	25

*Average of highest/lowest each year

UNITED KINGDOM

Ilfracombe 51°12′N 4°08′W 8 m

England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·5	4·3	12·5	−1·1	14·4	−7·2	84	—	103	37	19	51	19	8·0	13
February	8·1	3·9	12·6	−1·2	16·1	−6·7	84	—	73	33	14	72	26	10·2	9
March	10·1	5·0	15·1	0·2	20·0	−2·8	82	—	63	48	13	135	37	11·6	6
April	11·9	6·8	17·6	2·7	23·9	0·0	81	—	62	27	12	179	43	13·6	4
May	14·8	9·1	20·7	4·8	26·1	1·7	81	—	61	34	13	218	45	15·0	2
June	17·4	12·1	23·7	8·7	30·0	6·1	82	—	56	34	11	230	47	15·6	2
July	18·7	13·9	23·9	11·2	28·9	9·4	83	—	82	50	15	198	40	15·3	3
August	19·2	14·2	23·8	10·9	30·0	8·3	84	—	92	88	15	193	43	14·1	3
September	17·6	12·9	22·1	8·8	26·7	5·6	82	—	89	56	15	142	37	12·7	3
October	14·5	10·2	18·6	5·1	24·4	1·1	83	—	109	56	17	101	30	10·4	7
November	11·4	7·4	15·1	2·6	18·3	−1·1	84	—	121	48	17	57	21	8·5	11
December	9·4	5·5	13·0	0·1	15·6	−3·9	84	—	115	55	19	42	17	6·9	14
Year	13·5	8·8	26·7*	−2·7*	30·0	−7·2	83	—	1026	88	180	1618	36	15·6	77
No. of years	30	30	30	30	30	30	30	—	30	30	30	30	30	30	30

Kew 51°28′N 0°19′W 5 m

England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·3	2·2	11·7	−4·3	14·3	−9·5	86	77	54	29	15	46	18	7·1	13
February	6·9	2·2	12·1	−3·6	16·1	−9·4	85	72	40	22	13	64	23	9·6	9
March	10·1	3·3	15·5	−2·3	21·4	−7·7	81	64	37	28	11	113	31	10·7	6
April	13·3	5·5	18·7	0·1	25·5	−2·1	71	56	37	24	12	160	38	13·3	3
May	16·7	8·2	23·3	2·7	30·2	−1·0	70	57	46	25	12	199	41	15·0	2
June	20·3	11·6	25·9	6·9	32·7	4·8	70	58	45	36	11	213	43	15·3	1
July	21·8	13·5	26·9	9·3	33·8	7·0	71	59	57	60	12	198	39	15·5	1
August	21·4	13·2	26·2	8·5	33·1	6·2	76	62	59	56	11	188	41	13·9	1
September	18·5	11·3	23·4	5·4	29·9	3·0	80	65	49	46	13	142	37	12·0	2
October	14·2	7·9	18·7	0·4	25·6	−3·6	85	70	57	35	13	98	30	10·2	5
November	10·1	5·3	14·4	−1·4	19·0	−5·0	88	78	64	35	15	53	20	8·1	11
December	7·3	3·5	12·2	−3·2	15·1	−7·0	87	81	48	26	15	40	16	7·0	14
Year	13·9	7·3	28·6*	−5·7*	33·8	−9·5	79	67	593	60	153	1514	34	15·5	68
No. of years	30	30	30	30	30	30	16	16	30	30	30	30	30	30	30

Kingston-upon-Hull 53°45′N 0°16′W 2 m

England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·0	1·4	11·6	−4·1	13·9	−11·1	87	—	61	28	18	39	16	7·5	15
February	6·9	1·6	12·7	−3·8	17·2	−7·8	84	—	49	23	15	61	22	8·7	9
March	9·2	2·8	16·1	−2·2	21·1	−10·0	80	—	38	31	13	96	26	10·7	7
April	12·6	4·8	19·7	−0·2	25·6	−2·8	73	—	42	28	13	143	34	12·8	3
May	15·6	7·2	22·8	1·8	27·2	−0·5	70	—	48	42	12	176	36	14·6	3
June	19·0	10·3	26·4	5·7	32·8	1·7	72	—	50	44	12	188	37	15·2	2
July	21·0	12·6	27·2	8·2	32·8	5·6	73	—	60	47	14	176	34	15·5	2
August	20·7	12·3	26·5	7·2	32·2	2·8	77	—	64	50	14	163	35	13·7	2
September	18·2	10·5	24·5	4·5	30·6	0·6	80	—	52	47	13	130	34	11·3	3
October	14·0	7·3	19·3	0·7	25·6	−3·3	81	—	58	57	15	94	29	9·3	5
November	9·5	4·6	14·1	−1·2	17·8	−4·4	85	—	66	30	17	47	18	7·8	12
December	7·1	2·7	11·9	−2·9	15·0	−7·2	86	—	54	44	18	32	14	6·4	16
Year	13·3	6·5	28·7*	−5·4*	32·8	−11·1	79	—	642	57	174	1345	30	15·5	79
No. of years	30	30	30	30	30	30	12	—	30	30	30	30	30	30	30

*Average of highest/lowest each year

UNITED KINGDOM

Morecambe 54° 04′N 2° 52′W 7 m England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·1	1·3	11·0	−4·9	13·9	−13·3	—	—	90	45	16	47	19	7·6	13
February	6·3	1·4	10·7	−3·9	15·0	−8·3	—	—	62	38	13	69	25	9·4	9
March	8·9	2·9	15·3	−2·2	20·6	−7·8	—	—	51	25	13	116	32	11·8	6
April	11·4	5·1	17·0	0·7	22·2	−2·8	—	—	53	26	13	166	40	14·3	3
May	15·3	7·9	22·6	2·5	26·7	−0·6	—	—	64	41	12	210	42	15·6	2
June	17·9	10·9	25·4	6·8	31·7	3·9	—	—	70	44	13	209	41	16·2	2
July	19·0	12·9	25·1	9·0	31·7	6·7	—	—	85	42	15	176	34	15·6	2
August	19·0	12·7	24·7	8·6	30·6	5·0	—	—	87	41	15	172	37	15·2	2
September	16·9	10·8	22·1	4·8	26·1	1·1	—	—	100	54	15	129	34	12·6	3
October	13·3	7·7	17·6	1·2	25·0	−4·4	—	—	104	64	15	93	28	10·2	6
November	9·6	4·7	13·7	−1·1	16·7	−4·4	—	—	99	51	16	53	20	8·1	11
December	7·3	2·7	11·7	−2·8	14·4	−7·2	—	—	98	49	18	36	15	6·7	15
Year	12·6	6·8	27·7*	−6·0*	31·7	−13·3	—	—	963	64	174	1476	33	16·2	74
No. of years	30	30	30	30	30	30	—	—	30	30	30	30	30	30	30

Newquay 50° 25′N 5° 05′W 54 m England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·5	4·1	12·2	−2·2	13·9	−8·9	86	—	89	33	21	59	22	7·8	11
February	8·3	3·5	12·2	−2·2	14·4	−8·9	86	—	67	37	15	78	28	9·9	8
March	10·2	4·7	15·0	−1·1	19·4	−5·0	85	—	60	29	14	133	36	11·4	5
April	12·1	6·2	17·2	1·1	22·2	−1·1	81	—	48	30	13	182	44	13·5	3
May	14·6	8·4	20·0	3·3	26·1	0·0	82	—	58	24	13	218	45	14·8	2
June	17·2	11·4	22·8	6·7	27·8	4·4	82	—	47	27	12	220	45	15·5	2
July	18·5	13·0	22·8	8·9	30·0	6·1	85	—	72	55	15	196	39	15·3	2
August	19·0	13·1	23·9	8·3	29·4	5·0	85	—	70	117	15	196	43	13·9	2
September	17·5	11·7	22·2	6·1	25·6	3·3	86	—	73	45	16	150	39	12·3	5
October	14·4	9·3	17·8	3·3	21·7	−2·2	86	—	86	41	17	109	33	10·3	6
November	11·4	6·7	14·4	0·6	16·1	−2·8	86	—	97	31	19	70	26	8·5	8
December	9·4	5·0	12·8	−1·1	15·0	−5·6	86	—	99	37	21	53	21	7·4	11
Year	13·4	8·1	26·1*	−3·9*	30·0	−8·9	85	—	866	117	191	1664	37	15·5	65
No. of years	30	30	30	30	30	30	27	—	30	30	30	30	30	30	30

Newton Rigg 54° 40′N 2° 47′W 171 m Englan

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·3	−0·5	10·7	−8·2	12·8	−17·8	—	—	89	33	18	42	17	7·9	14
February	5·8	−0·1	10·8	−7·1	14·4	−12·2	—	—	60	29	16	66	24	9·6	8
March	8·7	1·1	15·1	−5·3	21·7	−15·0	—	—	49	38	15	104	28	11·7	7
April	11·4	2·9	15·8	−3·7	22·2	−6·1	—	—	50	43	14	139	33	14·0	3
May	15·2	5·3	22·3	−0·7	27·2	−5·0	—	—	57	35	13	186	37	15·3	2
June	18·1	8·3	25·6	2·4	30·6	−0·5	—	—	59	54	14	182	35	15·7	2
July	19·0	10·4	24·9	5·4	30·0	2·8	—	—	74	45	17	152	29	15·7	2
August	18·7	9·9	24·9	4·3	30·0	0·0	—	—	76	49	16	147	32	14·5	3
September	16·2	8·0	21·8	0·7	25·6	−2·8	—	—	81	32	16	112	29	12·1	4
October	12·4	5·1	17·3	−2·4	22·8	−6·7	—	—	100	51	18	84	26	9·9	6
November	8·6	2·7	13·5	−4·2	17·8	−8·9	—	—	90	53	18	48	19	8·3	11
December	6·6	0·9	11·4	−6·5	13·9	−11·7	—	—	88	30	19	32	14	6·8	14
Year	12·2	4·5	27·3*	−10·1*	30·6	−17·8	—	—	873	54	194	1294	29	15·7	76
No. of years	30	30	29	30	29	30	—	—	30	30	30	30	30	30	30

*Average of highest/lowest each year

UNITED KINGDOM

Oxford 51°46′N 1°16′W 63 m

England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·5	1·0	12·1	−5·7	13·9	−12·8	87	—	61	36	13	54	21	7·7	11
February	7·3	1·1	13·2	−4·8	17·8	−16·1	85	—	44	31	10	74	26	9·7	8
March	10·5	2·3	17·0	−3·5	21·7	−11·1	80	—	43	24	9	121	33	11·7	6
April	13·6	4·6	20·4	−0·6	25·6	−2·8	71	—	41	19	9	159	38	13·7	2
May	16·9	7·2	24·3	1·3	30·6	−1·7	69	—	55	33	10	190	39	15·2	2
June	20·2	10·4	26·9	5·7	32·2	2·8	69	—	52	81	9	199	40	15·7	2
July	21·7	12·4	27·9	7·8	33·3	5·6	71	—	55	39	10	182	36	15·5	1
August	21·6	12·2	27·5	7·3	35·0	5·0	75	—	60	56	10	177	39	13·9	1
September	18·8	10·1	24·6	3·8	29·4	1·7	79	—	59	85	10	132	35	11·9	2
October	14·4	6·7	19·3	−0·7	25·6	−3·9	85	—	64	41	11	100	30	10·3	5
November	10·0	4·0	14·9	−2·4	18·9	−6·7	88	—	69	31	12	62	23	8·3	10
December	7·5	2·2	12·6	−4·5	15·0	−9·4	88	—	57	30	13	51	21	7·0	12
Year	14·1	6·2	30·0*	−7·4*	35·0	−16·1	79	—	660	85	126	1501	33	15·7	62
No. of years	30	30	30	30	30	30	30	—	30	30	30	30	30	30	30

Plymouth/Mount Batten 50°21′N 4°07′W 27 m

England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·2	4·1	12·0	−2·8	13·9	−8·9	89	81	99	38	19	60	22	8·0	11
February	8·1	3·5	11·9	−2·8	15·0	−8·3	88	78	74	36	15	80	28	9·6	7
March	10·1	4·6	14·6	−1·3	19·4	−5·0	86	74	69	38	14	133	36	11·4	5
April	12·3	6·1	17·7	1·0	22·2	−1·7	78	69	53	25	12	182	44	13·6	3
May	15·1	8·4	20·8	2·9	26·1	−0·6	77	71	63	39	12	219	46	14·9	2
June	17·7	11·3	24·0	6·4	27·8	1·7	80	73	53	35	12	222	45	15·4	2
July	19·0	13·0	24·0	8·4	28·9	7·2	81	74	70	68	14	198	41	15·3	3
August	19·3	13·0	24·1	8·1	31·1	3·9	83	75	77	77	14	198	44	14·2	2
September	17·7	11·7	22·1	5·8	27·2	2·8	86	75	78	43	15	152	40	12·1	3
October	14·6	9·2	18·5	2·2	23·3	−1·7	88	77	91	42	16	114	34	10·3	5
November	11·3	6·6	15·0	−0·2	17·2	−3·9	88	79	113	50	17	67	25	8·5	8
December	9·2	5·1	12·7	−1·7	14·4	−5·0	89	82	110	43	18	52	21	7·3	11
Year	13·6	8·0	26·3*	−4·6*	31·1	−8·9	84	76	950	77	178	1677	37	15·4	62
No. of years	30	30	30	30	30	30	16	16	30	30	30	30	30	30	30

Raunds 52°22′N 0°31′W 65 m

England

Period 1931–34 1942–60 Bibliography 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·1	0·1	12·2	−7·2	14·4	−13·9	—	—	51	30	17	49	19	7·7	13
February	6·7	−0·1	12·8	−6·7	18·3	−16·7	—	—	38	27	13	69	25	9·4	8
March	10·1	1·1	17·2	−5·6	21·1	−12·2	—	—	41	24	12	114	31	11·1	6
April	13·8	3·5	21·1	−2·2	27·2	−4·4	—	—	36	25	13	149	36	13·0	3
May	17·1	6·1	24·4	−0·6	30·6	−2·8	—	—	52	25	13	178	37	14·5	3
June	20·1	9·2	27·2	3·9	33·3	1·7	—	—	47	40	12	184	37	14·6	2
July	22·1	11·4	28·3	6·1	33·3	3·3	—	—	50	50	12	180	36	14·6	2
August	21·8	11·0	27·8	5·0	34·4	2·2	—	—	56	49	13	167	37	13·6	2
September	18·9	9·1	25·0	2·2	30·6	−2·8	—	—	52	29	13	132	35	11·6	3
October	14·4	5·8	20·0	−1·7	26·7	−6·1	—	—	49	24	14	99	30	10·5	6
November	9·5	3·1	14·4	−3·9	18·9	−9·4	—	—	56	26	16	53	20	8·1	12
December	7·3	1·6	12·2	−5·0	15·0	−9·4	—	—	50	36	17	42	17	6·6	14
Year	14·0	5·2	30·6*	−9·4*	34·4	−16·7	—	—	578	50	165	1416	32	14·6	74
No. of years	23	23	23	23	23	23	—	—	23	23	23	22	22	22	22

*Average of highest/lowest each year

UNITED KINGDOM

Reading 51° 27′N 0° 58′W 69 m England

Period 1931–60 Bibliography 61, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·8	1·0	12·2	−5·3	13·9	−10·6	—	—	61	26	16	48	18	7·2	15
February	7·5	1·2	13·1	−4·6	17·2	−12·2	—	—	45	29	13	68	24	9·1	9
March	10·8	2·5	17·1	−3·3	21·7	−11·1	—	—	41	24	12	108	29	10·4	6
April	13·9	4·7	20·8	−0·4	26·1	−2·8	—	—	40	23	13	166	40	13·5	2
May	17·5	7·4	24·9	1·7	31·7	−2·2	—	—	52	34	13	198	41	14·9	2
June	20·6	10·5	27·6	5·9	32·2	4·4	—	—	46	35	12	208	42	15·3	2
July	22·1	12·5	28·5	7·9	34·4	6·1	—	—	54	50	13	191	38	15·4	1
August	22·0	12·2	28·1	7·2	33·9	2·8	—	—	57	56	13	180	40	13·3	2
September	19·2	10·1	25·1	3·8	30·0	1·1	—	—	53	38	13	136	36	11·6	2
October	14·8	6·8	19·9	−0·5	26·7	−4·4	—	—	68	30	14	97	29	12·0	6
November	10·3	4·0	15·3	−2·2	20·6	−5·6	—	—	71	38	16	56	21	8·3	11
December	7·8	2·2	12·6	−4·0	15·6	−8·9	—	—	57	43	17	42	17	6·7	15
Year	14·4	6·3	30·8*	−6·8*	34·4	−12·2	—	—	645	56	165	1498	33	15·4	73
No. of years	30	30	30	30	30	30	—	—	30	30	30	22	22	22	22

Ross-on-Wye 51° 55′N 2° 35′W 68 m England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·4	2·0	12·5	−6·2	13·9	−19·4	86	79	71	32	16	54	21	8·0	11
February	7·1	1·8	13·1	−5·7	16·1	−16·7	85	72	49	31	12	72	26	9·7	7
March	10·1	2·7	16·3	−3·8	21·1	−14·4	83	68	47	34	12	117	32	11·8	5
April	13·1	4·7	19·6	−0·9	23·9	−3·9	74	58	49	46	12	158	38	13·4	2
May	16·3	7·1	23·3	0·9	30·0	−2·8	75	61	60	31	13	186	38	15·3	2
June	19·5	10·2	26·4	5·1	31·1	1·7	74	61	47	55	12	195	39	15·6	1
July	20·9	12·1	26·7	6·7	31·7	4·4	75	62	52	61	12	178	35	15·6	1
August	20·7	11·8	26·1	5·8	32·8	2·2	80	64	58	51	13	171	38	14·0	1
September	18·1	9·9	23·9	2·6	27·8	−0·5	82	68	62	44	13	128	34	12·0	2
October	13·9	6·9	19·0	−1·3	25·6	−6·1	87	73	66	41	14	94	28	10·3	4
November	9·7	4·8	14·7	−3·1	19·4	−5·6	87	78	83	41	16	55	21	8·2	10
December	7·4	3·2	12·8	−4·7	15·0	−8·9	87	80	71	33	17	50	21	7·2	11
Year	13·6	6·4	28·9*	−8·4*	32·8	−19·4	81	69	715	61	162	1458	33	15·6	57
No. of years	30	30	30	30	30	30	16	16	30	30	30	30	30	30	30

St Helier 49° 11′N 2° 07′W 9 m Jersey—Channel Islands

Period 1931–60 Bibliography 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·7	4·7	12·1	−0·4	14·4	−6·7	—	—	89	41	19	72	27	8·3	9
February	8·3	4·1	12·2	−0·9	16·7	−8·3	—	—	68	27	15	88	31	9·4	7
March	10·9	5·5	16·2	0·9	20·0	−3·3	—	—	57	28	13	154	42	11·5	4
April	12·9	7·2	19·4	3·5	26·1	−1·7	—	—	43	22	12	201	49	13·5	2
May	16·4	9·9	22·8	5·9	27·8	3·3	—	—	44	29	11	243	51	14·7	2
June	19·3	12·7	26·3	9·1	30·6	7·2	—	—	39	27	10	256	53	15·4	1
July	20·6	14·6	27·9	11·7	33·9	10·0	—	—	48	30	11	242	50	15·5	1
August	21·2	15·1	27·6	11·8	35·6	9·4	—	—	67	82	12	235	53	14·3	1
September	19·3	13·9	24·5	9·6	30·6	6·7	—	—	69	36	15	168	44	13·7	2
October	15·8	10·9	20·0	5·6	25·0	2·8	—	—	77	30	15	126	37	11·8	4
November	12·1	7·9	15·4	2·8	17·8	0·0	—	—	101	38	17	75	27	9·5	8
December	9·7	5·7	13·0	0·2	16·1	−6·7	—	—	99	44	19	57	22	8·2	10
Year	14·6	9·3	30·2*	−2·4*	35·6	−8·3	—	—	801	82	169	1917	43	15·5	51
No. of years	25	25	25	25	25	25	—	—	25	25	25	25	25	25	25

*Average of highest/lowest each year

UNITED KINGDOM

St Mary's 49° 56′N 6° 18′W 50 m — Scilly Islands

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	9·2	6·3	12·2	1·1	13·9	−3·9	85	81	91	33	22	62	23	8·2	9
February	9·0	5·7	11·7	1·1	13·3	−3·3	84	80	71	61	17	81	29	10·0	7
March	10·5	6·5	13·3	2·2	16·1	−1·7	87	81	69	30	16	130	35	11·3	6
April	12·1	7·4	15·0	3·9	19·4	1·7	83	78	46	50	13	192	47	13·6	3
May	14·3	9·2	17·8	5·6	21·7	2·8	84	79	56	27	14	235	49	14·9	2
June	17·0	11·7	21·1	8·9	26·1	6·1	86	78	49	46	14	228	47	15·5	2
July	18·7	13·4	21·7	11·1	25·6	9·4	87	79	61	34	16	207	42	15·5	2
August	19·2	13·7	22·2	11·1	27·8	8·9	86	78	64	43	15	208	46	14·4	2
September	17·5	12·9	20·6	9·4	24·4	6·7	87	81	67	33	16	155	41	12·7	3
October	14·6	10·8	17·8	6·1	20·6	3·9	87	81	80	51	17	121	36	10·3	5
November	11·8	8·7	14·4	4·4	16·1	2·2	85	81	96	41	19	76	28	8·7	8
December	10·0	7·2	12·8	2·8	13·9	0·0	84	82	94	43	21	57	23	7·6	10
Year	13·7	9·4	23·3*	−0·6*	27·8	−3·9	85	80	844	61	200	1752	39	15·5	59
No. of years	30	30	30	30	30	30	16	16	30	30	30	30	30	30	30

Sandown 50° 39′N 1° 09′W 4 m — England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·8	2·8	11·8	−3·3	13·3	−9·4	—	—	82	37	17	68	26	7·9	11
February	7·8	2·6	12·2	−2·6	14·4	−7·8	—	—	58	33	13	85	30	9·9	7
March	9·8	3·9	14·1	−1·4	18·3	−5·6	—	—	51	24	12	141	38	11·1	5
April	12·9	5·8	18·3	1·4	22·8	−1·1	—	—	40	20	11	194	47	14·0	2
May	15·9	8·7	21·6	3·4	26·1	0·0	—	—	47	33	11	235	49	14·9	1
June	18·9	11·7	24·7	7·3	30·6	4·4	—	—	40	40	9	254	51	15·8	1
July	20·5	13·6	25·0	10·1	29·4	8·3	—	—	56	40	11	236	47	15·3	1
August	20·8	13·7	25·1	9·6	31·1	7·2	—	—	60	38	12	223	49	14·4	1
September	18·7	12·2	22·7	6·6	25·6	3·3	—	—	66	41	14	168	44	12·3	2
October	15·2	9·2	18·8	2·3	22·2	−1·1	—	—	82	46	14	124	37	10·4	4
November	11·3	6·1	15·0	0·3	16·7	−2·2	—	—	98	42	16	72	27	9·0	8
December	8·9	4·0	12·6	−1·8	14·4	−5·6	—	—	89	48	17	58	23	7·6	11
Year	14·0	7·9	26·8*	−4·6*	31·1	−9·4	—	—	769	48	157	1858	41	15·8	54
No. of years	30	30	30	30	30	30	—	—	30	30	30	30	30	30	30

Santon Downham 52° 27′N 0° 40′E 7 m — England

Period 1932–60 Bibliography 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·8	−0·8	12·1	−9·4	14·4	−16·1	89	—	64	35	17	48	19	8·0	13
February	6·8	−0·8	12·9	−9·0	18·3	−16·7	86	—	46	19	15	65	23	9·2	9
March	10·2	0·4	16·8	−7·1	22·2	−12·2	81	—	44	26	13	114	31	11·2	6
April	13·4	2·2	20·5	−4·9	27·8	−9·4	71	—	42	17	13	156	37	13·3	3
May	16·8	4·8	24·3	−3·2	30·6	−9·4	70	—	47	32	11	200	41	14·8	2
June	20·0	8·2	28·1	1·2	33·9	−3·3	75	—	56	44	12	195	39	15·3	2
July	21·9	10·3	28·6	3·7	33·3	−1·1	76	—	68	66	13	191	38	15·2	2
August	21·7	9·9	28·2	2·8	32·2	−0·6	79	—	67	59	13	179	39	13·9	2
September	19·1	8·2	25·4	0·4	30·0	−2·8	82	—	56	26	13	139	44	12·1	2
October	14·3	4·9	20·0	−3·6	26·7	−7·2	85	—	59	25	15	99	30	9·8	5
November	9·7	2·4	15·0	−5·2	20·6	−11·2	89	—	67	24	18	53	20	7·3	11
December	7·0	0·5	12·4	−7·8	17·2	−12·8	89	—	55	27	17	41	17	6·5	14
Year	13·9	4·2	30·6*	−11·9*	33·9	−16·7	81	—	671	66	170	1480	33	15·3	71
No. of years	28	28	28	28	28	28	11	—	28	28	28	28	28	28	28

*Average of highest/lowest each year

Scarborough 54°17′N 0°24′W 36 m

England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						per cent		millimetres			hours		hours	
January	6·5	1·7	11·9	−3·2	14·4	−8·9	84	—	65	28	18	44	18	7·5	15
February	7·2	1·9	12·4	−2·6	16·1	−6·1	82	—	50	26	16	65	24	9·2	10
March	9·1	3·1	15·4	−1·2	20·0	−5·0	81	—	38	18	13	106	29	11·5	8
April	12·0	5·0	18·1	1·2	23·9	−2·2	75	—	41	24	13	151	36	13·8	4
May	14·0	7·3	20·6	3·0	23·9	0·6	78	—	47	41	12	178	36	15·0	4
June	17·6	10·3	24·3	6·8	30·6	5·0	76	—	47	35	13	193	38	15·9	3
July	19·6	12·5	25·4	9·1	30·6	6·7	77	—	58	74	14	179	35	15·5	3
August	19·3	12·6	24·6	8·8	31·1	7·2	79	—	61	58	14	159	34	14·3	4
September	17·5	10·8	23·1	6·3	29·4	3·3	80	—	52	43	14	136	36	12·3	4
October	13·7	8·0	18·8	2·7	25·6	−0·5	82	—	63	34	16	99	30	9·9	7
November	9·8	5·0	14·1	0·0	18·3	−3·9	84	—	66	32	18	50	19	8·6	12
December	7·6	3·1	11·9	−1·5	15·0	−4·4	85	—	59	28	18	37	16	5·6	15
Year	12·8	6·8	27·0*	−4·2*	31·1	−8·9	80	—	647	74	179	1397	31	15·9	89
No. of years	30	30	30	30	30	30	30	—	30	30	30	30	30	30	30

Shoeburyness 51°32′N 0°49′E 2 m

England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						per cent		millimetres			hours		hours	
January	6·2	1·8	11·9	−4·8	13·9	−9·4	89	83	48	29	16	54	21	7·6	12
February	7·0	1·7	12·4	−4·3	17·2	−10·6	88	79	34	22	13	74	26	9·4	8
March	9·5	2·7	15·8	−3·2	22·8	−8·9	85	74	32	20	10	125	34	11·4	5
April	12·8	4·8	19·4	−0·7	24·4	−2·2	76	68	32	18	11	166	40	13·1	2
May	15·9	7·6	22·5	1·5	29·4	−1·1	77	71	43	30	11	212	44	14·8	2
June	19·7	10·9	26·0	5·6	31·1	3·3	75	68	38	37	10	228	46	15·5	1
July	21·6	13·2	27·4	8·3	33·3	5·6	75	67	47	39	11	212	42	15·2	1
August	21·5	13·1	26·4	8·1	32·2	3·9	78	69	55	40	12	197	43	14·5	1
September	19·0	11·4	24·5	5·5	32·2	2·8	82	71	49	40	12	153	40	13·2	2
October	14·6	8·0	19·3	0·7	23·3	−5·6	86	76	57	51	13	111	33	10·4	5
November	10·1	5·2	15·1	−1·3	21·1	−6·1	88	82	55	30	14	62	23	8·5	10
December	7·3	3·2	12·1	−3·7	15·6	−7·8	89	85	43	25	15	45	18	7·2	14
Year	13·8	7·0	28·4*	−6·3*	33·3	−10·6	82	74	533	51	148	1639	37	15·5	63
No. of years	30	30	30	30	30	30	16	16	30	30	30	30	30	30	30

Shrewsbury 52°43′N 2°43′W 56 m

England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						per cent		millimetres			hours		hours	
January	6·6	0·5	12·4	−7·3	14·4	−17·8	88	—	62	32	18	49	19	7·5	12
February	7·3	0·8	12·8	−5·7	15·6	−16·1	87	—	41	20	15	68	25	9·4	8
March	10·1	2·0	16·1	−4·0	21·1	−16·7	83	—	39	30	13	103	28	10·9	6
April	13·1	4·1	19·2	−1·1	23·9	−5·0	75	—	45	33	14	149	36	13·3	3
May	16·4	6·5	23·3	0·9	30·0	−3·3	73	—	52	43	14	176	37	14·9	3
June	19·6	9·6	26·7	4·6	30·6	1·1	73	—	50	33	14	184	36	15·2	2
July	20·9	11·8	26·7	7·0	31·7	3·9	74	—	58	47	15	165	32	15·1	2
August	20·7	11·3	26·2	5·8	31·7	2·2	78	—	68	77	15	158	35	13·8	2
September	18·1	9·4	23·8	2·8	27·8	−2·2	82	—	58	47	14	122	32	11·4	3
October	13·8	6·1	19·1	−1·2	25·0	−8·3	86	—	64	46	16	88	27	9·5	6
November	9·8	3·7	14·9	−3·1	18·9	−6·7	89	—	68	32	18	50	19	8·2	11
December	7·7	2·0	13·0	−4·7	15·6	−10·0	89	—	54	36	19	44	18	6·8	13
Year	13·7	5·6	28·8*	−9·7*	31·7	−17·8	81	—	659	77	185	1356	30	15·2	71
No. of years	30	30	30	30	30	30	30	—	30	30	30	30	30	30	30

*Average of highest/lowest each year

UNITED KINGDOM

Skegness 53°09′N 0°21′E 5 m

England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·8	0·8	11·1	−4·3	13·9	−10·6	—	—	57	33	16	54	21	7·9	12
February	6·4	1·0	12·2	−3·9	16·7	−12·2	—	—	42	26	14	70	25	9·8	10
March	8·5	2·4	14·7	−2·3	18·9	−7·8	—	—	36	29	12	117	32	11·5	7
April	11·5	4·7	18·1	−0·2	23·9	−2·8	—	—	38	27	12	163	39	13·8	4
May	14·0	7·4	21·2	2·1	25·0	−1·1	—	—	44	43	11	198	40	15·1	3
June	17·6	10·3	24·7	5·6	30·6	2·2	—	—	44	37	11	203	40	15·7	3
July	19·9	12·5	25·4	7·4	29·4	3·9	—	—	57	55	13	190	37	15·4	2
August	19·6	12·4	25·1	7·4	29 4	5·0	—	—	58	46	12	176	38	14·4	2
September	17·6	10·8	23·6	5·0	30·0	2·2	—	—	51	46	12	145	38	13·3	2
October	13·7	7·5	18·4	1·1	21·7	−3·9	—	—	50	36	13	107	32	10·4	6
November	9·5	4·3	14·0	−1·3	16·1	−4·4	—	—	59	36	16	61	23	8·0	11
December	7·0	2·3	11·6	−3·4	15·6	−6·1	—	—	47	37	16	46	19	7·1	13
Year	12·6	6·4	26·9*	−6·3*	30·6	−12·2	—	—	583	55	158	1530	34	15·7	75
No. of years	30	30	30	30	30	30	—	—	30	30	30	30	30	30	30

Southampton 50°55′N 1°24′W 20 m

England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	2100							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·4	1·7	12·2	−4·4	14·4	−10·0	88	88	83	42	17	56	21	7·4	12
February	8·0	1·6	12·8	−3·9	17·2	−9·4	86	86	56	26	13	73	26	9·4	9
March	10·9	2·9	16·1	−2·8	21·7	−5·6	80	82	52	21	13	125	34	10·9	6
April	14·0	5·0	20·6	0·0	26·1	−2·8	73	77	45	21	12	172	42	13·2	3
May	17·4	7·7	24·4	2·2	31·7	−1·7	70	77	56	34	12	209	43	14·6	2
June	20·4	10·9	26·7	6·1	31·7	3·9	71	77	49	33	12	217	44	15·3	2
July	21·6	12·7	27·2	8·3	33·3	6·1	74	80	60	53	13	202	41	15·0	2
August	21·8	12·7	27·2	7·8	33·9	5·0	77	82	69	39	13	197	44	13·9	1
September	19·3	10·6	24·4	4·4	29·4	1·7	80	84	70	34	14	148	39	11·9	3
October	15·2	7·4	20·0	0·6	23·9	−3·3	84	87	86	42	14	111	33	10·3	5
November	11·0	4·6	15·6	−1·7	17·8	−4·4	87	88	94	39	16	65	24	8·5	9
December	8·4	2·9	12·8	−3·3	15·0	−6·7	89	89	84	46	17	50	20	7·0	13
Year	14·6	6·7	29·4*	−6·1*	33·9	−10·0	80	83	804	53	166	1625	36	15·3	67
No. of years	30	30	30	30	30	30	28	26	30	30	30	30	30	30	30

Squires Gate (Blackpool Airport) 53°46′N 3°02′W 10 m

England

Period 1942–60 Bibliography 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·1	1·7	10·7	−5·2	12·8	−11·1	89	85	81	29	18	49	19	7·3	13
February	6·4	1·2	10·8	−5·6	15·6	−11·1	87	80	51	37	14	74	27	9·7	8
March	9·4	2·4	15·3	−3·3	20·0	−11·7	84	73	45	29	13	124	34	11·4	6
April	11·9	4·6	17·6	−0·4	22·8	−4·4	79	72	49	27	12	178	43	13·6	2
May	15·3	6·9	22·6	1·2	26·7	−2·2	75	69	62	31	13	223	46	15·5	2
June	17·5	10·2	25·2	5·5	31·7	1·7	78	71	55	24	13	216	43	16·1	2
July	19·0	12·5	26·0	8·2	33·3	5·0	79	73	78	56	14	192	38	15·5	1
August	19·2	12·3	24·9	7·7	31·1	3·9	81	74	91	44	15	180	39	14·7	2
September	17·2	10·6	22·3	4·7	27·2	1·1	82	74	90	30	16	123	32	11·6	3
October	13·7	7·7	18·4	0·3	25·6	−4·4	85	77	84	29	16	101	30	9·5	5
November	9·6	4·9	13·4	−2·6	15·6	−7·8	88	83	89	28	17	59	22	7·8	10
December	7·4	3·2	11·6	−4·6	13·3	−10·0	88	86	86	35	20	40	17	6·7	13
Year	12·7	6·5	28·2*	−6·9*	33·3*	−11·7	83	76	861	56	181	1559	35	16·1	67
No. of years	18	18	18	18	18	18	13	13	18	18	18	14	14	14	14

*Average of highest/lowest each year

UNITED KINGDOM

Sutton Bonington 52° 50′N 1° 15′W 48 m

England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·1	0·1	11·9	−7·7	13·9	−16·7	87	—	56	35	16	42	17	7·1	14
February	6·8	0·4	12·7	−6·7	17·2	−17·8	87	—	43	25	13	63	23	9·4	8
March	9·7	1·5	16·2	−4·7	20·6	−13·3	83	—	40	30	12	102	28	11·2	7
April	12·9	3·7	19·4	−2·1	25·6	−5·0	72	—	38	25	12	141	34	13·8	3
May	16·3	6·1	23·3	−0·3	30·0	−4·4	72	—	48	55	11	176	36	14·9	3
June	19·6	9·2	26·8	3·9	32·2	−1·1	73	—	46	46	12	182	36	15·2	3
July	21·2	11·6	27·3	6·2	32·8	2·2	73	—	58	75	13	171	34	14·9	2
August	20·9	10·9	26·7	4·6	31·1	1·7	77	—	58	37	12	157	34	13·5	2
September	18·1	9·1	24·0	1·7	28·9	−1·7	81	—	51	35	13	120	31	11·8	3
October	13·7	5·8	19·1	−1·9	26·1	−6·7	85	—	56	34	13	90	27	9·8	6
November	9·6	3·3	14·8	−3·3	20·0	−8·9	87	—	61	30	16	50	19	8·0	12
December	7·2	1·4	12·7	−5·3	15·0	−8·9	88	—	47	42	15	35	15	6·7	15
Year	13·5	5·3	29·1*	−9·8*	32·8	−17·8	80	—	602	75	158	1329	30	15·2	78
No. of years	30	30	30	30	30	30	17	—	30	30	30	30	30	30	30

Tunbridge Wells 51° 08′N 0° 16′E 107 m

England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·1	0·0	11·4	−7·4	13·3	−13·3	93	—	79	31	18	56	21	8·2	13
February	6·7	0·0	12·2	−6·9	17·2	−15·6	91	—	59	34	14	71	25	9·6	9
March	10·0	1·4	16·7	−5·2	22·2	−9·4	86	—	51	35	12	126	34	11·5	5
April	13·3	3·5	20·5	−2·5	26·7	−4·4	79	—	46	29	12	168	41	13·5	3
May	16·9	6·5	24·8	−0·2	32·8	−3·9	76	—	51	33	12	208	43	15·1	2
June	20·1	9·6	27·6	3·9	32·2	1·7	75	—	48	40	12	226	46	15·8	1
July	21·6	11·6	28·6	6·4	33·9	3·9	78	—	59	93	12	211	42	15·8	2
August	21·4	11·4	27·7	5·9	33·3	2·8	82	—	67	61	13	195	43	14·4	1
September	18·7	9·6	25·1	2·8	30·0	−0·6	86	—	63	40	13	150	39	12·3	2
October	14·2	6·2	19·5	−1·8	25·6	−6·1	91	—	82	45	14	110	33	10·8	5
November	9·7	3·1	14·6	−3·8	19·4	−7·8	93	—	93	43	16	61	23	9·1	11
December	7·1	1·2	11·9	−5·9	15·0	−11·1	93	—	79	33	17	50	20	7·2	14
Year	13·8	5·4	30·5*	−9·3*	33·9	−15·6	85	—	777	93	165	1632	36	15·8	68
No. of years	30	30	30	30	30	30	30	—	30	30	30	30	30	30	30

Tynemouth 55° 01′N 1° 25′W 33 m

England

Period 1931–60 Bibliography 61, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·9	2·2	11·8	−3·9	14·4	−8·9	84	80	62	30	17	42	17	7·1	14
February	6·4	2·4	11·8	−3·2	15·0	−7·8	83	75	45	63	15	65	24	9·3	10
March	8·1	3·3	14·4	−1·7	20·0	−7·8	83	73	39	29	13	98	27	11·4	8
April	10·4	5·0	15·6	0·3	21·7	−2·2	74	68	38	23	13	152	36	13·1	3
May	12·2	7·2	19·0	2·7	22·8	0·0	77	74	48	35	13	179	36	15·5	3
June	15·7	10·1	23·2	6·4	30·0	3·9	77	72	47	36	13	178	34	15·5	3
July	17·9	12·3	23·6	9·0	26·7	7·8	78	72	64	57	15	169	33	15·6	2
August	17·6	12·3	22·9	8·5	27·2	5·6	80	74	74	51	14	146	31	14·0	4
September	15·9	10·6	21·7	5·4	27·2	0·6	80	71	55	37	14	124	32	12·1	4
October	12·7	8·1	17·8	2·0	21·1	−1·1	82	74	61	49	16	91	28	10·8	7
November	9·2	5·5	14·1	−0·1	18·3	−3·3	84	77	64	37	17	51	20	8·0	11
December	7·0	3·7	12·3	−1·8	15·0	−5·6	83	80	53	26	17	35	15	6·4	15
Year	11·6	6·9	25·3*	−4·8*	30·0	−8·9	80	74	650	63	177	1330	30	15·6	84
No. of years	30	30	30	30	30	30	16	16	30	30	30	25	25	25	25

*Average of highest/lowest each year

Weston-super-Mare 51° 21′N 2° 59′W 9 m

England

Period 1934–60 Bibliography 62, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·2	1·9	11·8	−4·8	13·9	−11·7	86	—	74	32	16	56	21	7·7	12
February	7·7	2·0	12·6	−4·1	16·1	−10·6	85	—	52	24	13	74	26	9·3	8
March	10·6	3·4	16·4	−2·4	22·2	−6·1	80	—	48	32	12	123	33	11·2	5
April	13·4	5·6	19·9	0·6	24·4	−2·2	73	—	49	27	12	169	41	13·2	2
May	16·4	8·1	22·8	2·7	28·3	−1·1	73	—	60	49	11	199	41	15·0	2
June	19·1	11·4	25·9	7·4	31·1	4·4	74	—	47	40	11	214	43	15·2	1
July	20·5	13·3	26·5	9·2	32·8	7·2	77	—	65	37	14	196	39	14·9	1
August	20·7	13·2	25·7	8·6	31·1	7·2	78	—	83	52	15	190	42	13·6	2
September	18·6	11·4	23·8	5·6	28·3	1·7	81	—	78	46	14	142	37	12·0	2
October	14·9	8·3	19·7	1·5	25·6	−1·7	84	—	85	40	15	104	31	10·4	4
November	10·8	5·5	15·2	−1·4	18·3	−4·4	85	—	96	51	16	61	23	8·3	10
December	8·5	3·6	13·1	−2·8	16·1	−6·7	85	—	81	50	17	49	20	7·1	12
Year	14·0	7·3	29·0*	−6·4*	32·8	−11·7	80	—	818	52	167	1577	35	15·2	61
No. of years	24	24	24	24	24	24	14	—	27	27	27	30	30	27	27

Weymouth 50° 36′N 2° 27′W 5 m

England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·3	2·9	12·2	−3·9	14·4	−8·9	85	—	78	35	16	66	25	8·4	12
February	8·2	2·8	12·2	−3·3	15·0	−8·3	82	—	58	24	12	84	30	10·0	8
March	10·3	3·9	14·4	−1·7	18·3	−5·6	81	—	56	33	12	138	37	11·7	6
April	13·1	5·7	18·3	1·1	23·3	−1·7	73	—	40	25	11	188	45	13·9	3
May	16·1	8·2	21·7	3·3	27·8	−0·6	76	—	51	38	11	224	47	15·2	2
June	18·9	11·5	25·0	6·7	30·0	5·0	75	—	43	37	10	235	48	15·6	2
July	20·2	13·4	25·0	9·4	30·6	7·8	78	—	61	182	11	215	43	15·4	2
August	20·7	13·5	25·0	8·9	32·2	6·1	80	—	57	42	12	214	47	14·8	2
September	18·7	11·8	22·8	6·1	27·2	3·3	81	—	71	49	13	156	41	12·6	3
October	15·4	9·0	18·9	1·7	22·8	−1·1	81	—	83	51	14	120	36	10·8	5
November	11·6	6·1	15·0	−0·6	17·8	−2·8	84	—	99	44	15	73	27	8·9	9
December	9·4	4·1	12·8	−2·2	16·1	−5·6	86	—	89	33	17	58	23	7·3	13
Year	14·3	7·7	27·2*	−5·0*	32·2	−8·9	80	—	786	182	154	1771	39	15·6	67
No. of years	30	30	30	30	30	30	11	—	30	30	30	30	30	30	30

Whitby 54° 29′N 0° 37′W 41 m

England

Period 1936–60 Bibliography 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·3	1·0	11·7	−5·0	14·4	−12·2	—	—	71	29	17	49	20	7·6	13
February	6·6	1·1	12·2	−4·4	16·7	−8·9	—	—	56	25	16	63	23	9·2	10
March	8·8	2·4	15·6	−3·3	19·4	−12·8	—	—	42	23	13	109	30	11·2	7
April	11·3	4·2	18·3	−1·1	23·3	−3·9	—	—	37	29	11	153	37	13·5	3
May	13·7	6·4	21·7	0·6	25·6	−1·7	—	—	43	44	12	186	38	15·9	4
June	17·0	9·3	24·4	4·4	29·4	1·7	—	—	51	49	12	173	34	16·0	4
July	19·0	11·5	25·0	6·7	28·9	3·3	—	—	57	33	14	164	32	15·1	3
August	18·7	11·4	23·9	6·7	30·0	3·9	—	—	66	54	15	151	33	14·2	3
September	16·9	9·7	22·8	3·9	27·2	0·0	—	—	51	37	13	135	35	12·6	4
October	13·5	7·1	18·3	0·6	25·0	−3·3	—	—	70	33	15	95	29	10·3	7
November	9·8	4·4	14·4	−1·1	18·3	−4·4	—	—	75	29	17	51	20	7·9	11
December	7·7	2·7	12·8	−2·8	15·0	−7·2	—	—	66	30	17	40	17	7·7	14
Year	12·4	5·9	26·7*	−6·7*	30·0	−12·8	—	—	685	54	172	1369	31	16·0	83
No. of years	24	24	23	23	23	23	—	—	23	21	21	23	23	23	23

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*Average of highest/lowest each year

UNITED KINGDOM

Woburn 52°01′N 0°35′W 89 m

England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	5·8	0·2	11·7	−7·4	14·4	−16·1	90	—	55	26	18	51	20	7·5	13
February	6·5	0·3	12·2	−6·8	16·7	−20·6	88	—	42	21	14	70	25	9·7	8
March	9·7	1·4	16·2	−5·2	21·1	−15·0	82	—	42	27	13	119	32	11·0	5
April	12·9	3·5	19·8	−2·6	26·1	−5·6	73	—	42	28	13	154	37	13·4	3
May	16·3	6·1	23·8	−0·7	29·4	−5·6	73	—	56	45	13	187	39	15·0	3
June	19·5	9·3	26·6	3·4	31·7	0·6	73	—	51	34	13	198	40	15·4	2
July	21·2	11·4	27·6	5·7	31·7	3·3	74	—	58	45	13	185	37	15·4	1
August	21·0	11·1	26·9	4·9	33·9	1·7	77	—	62	61	13	177	39	14·0	1
September	18·2	9·3	24·1	2·1	29·4	−0·5	81	—	49	25	13	136	36	11·5	2
October	13·7	5·9	18·7	−2·2	25·0	−7·8	85	—	57	27	15	101	31	10·1	5
November	9·3	3·4	14·1	−3·6	19·4	−8·9	89	—	64	36	17	59	22	8·1	11
December	6·9	1·5	12·1	−6·3	15·0	−13·3	90	—	52	36	17	45	18	6·8	14
Year	13·4	5·3	29·5•	−9·9•	33·9	−20·6	81	—	630	61	172	1482	33	15·4	68
No. of years	30	30	30	30	30	30	30	—	30	30	30	30	30	30	30

Worthing 50°49′N 0°22′W 8 m

England

Period 1931–60 Bibliography 61, 62, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	6·9	2·1	10·9	−3·9	12·8	−9·4	87	—	74	44	16	71	27	7·9	11
February	7·1	2·0	11·3	−3·3	13·9	−8·9	85	—	51	24	13	83	29	9·8	7
March	9·4	3·5	14·2	−1·8	18·3	−6·1	81	—	44	24	12	141	38	11·3	4
April	12·3	5·7	18·4	1·1	22·8	−0·6	75	—	37	29	11	187	45	13·7	2
May	15·7	8·6	21·8	3·4	27·2	0·0	74	—	44	25	11	230	48	14·9	1
June	18·7	11·8	24·6	7·3	27·8	4·4	74	—	39	36	10	243	49	15·5	1
July	20·2	13·7	25·1	9·6	31·1	7·2	76	—	55	52	12	224	45	15·5	1
August	20·5	13·8	24·7	9·6	32·2	7·2	77	—	59	51	13	218	48	14·6	1
September	18·6	12·1	23·1	6·6	26·1	2·8	79	—	64	36	13	166	44	12·6	2
October	14·8	8·8	18·6	2·1	21·7	−1·7	82	—	72	39	13	124	37	10·6	4
November	10·7	5·6	14·8	0·1	16·7	−2·8	85	—	88	38	15	73	27	9·0	9
December	8·2	3·4	12·0	−2·4	14·4	−6·7	87	—	73	35	16	61	25	7·6	11
Year	13·6	7·6	27·1•	−5·3•	32·2	−9·4	80	—	700	52	155	1821	41	15·5	54
No. of years	30	30	30	30	30	30	30	—	30	22	22	30	30	30	30

York 53°57′N 1°05′W 17 m

England

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	5·9	0·8	11·9	−5·4	15·0	−13·9	89	—	59	26	17	40	16	7·2	15
February	6·8	1·1	12·4	−4·9	16·7	−10·0	87	—	46	41	15	60	22	9·2	10
March	9·6	2·4	16·2	−2·9	21·1	−12·8	81	—	37	28	13	99	27	11·1	7
April	12·8	4·4	19·3	−0·7	23·9	−2·8	73	—	41	21	13	142	34	13·5	3
May	16·3	6·9	23·4	1·6	29·4	−1·1	71	—	50	70	13	188	38	15·3	2
June	19·4	10·0	26·5	5·1	32·2	2·2	71	—	50	31	14	191	37	15·8	3
July	21·0	12·2	27·1	7·8	31·1	5·0	74	—	62	54	15	174	34	15·9	2
August	20·5	11·8	26·4	7·1	33·3	3·9	77	—	68	60	14	157	34	14·2	2
September	18·0	9·8	24·1	3·8	28·9	−0·6	80	—	55	47	14	122	32	11·7	3
October	13·7	6·6	19·0	0·2	25·6	−4·4	85	—	56	32	15	88	27	9·5	6
November	9·5	4·0	14·5	−1·8	18·9	−6·7	88	—	65	42	17	47	18	7·8	12
December	7·1	2·2	12·3	−3·7	15·6	−7·8	88	—	50	27	17	34	15	6·4	16
Year	13·4	6·0	29·0•	−6·9•	33·3	−13·9	80	—	639	70	177	1342	30	15·9	81
No. of years	30	30	30	30	30	30	30	—	30	30	30	30	30	30	30

•Average of highest/lowest each year

UNITED KINGDOM

Armagh 54° 21′N 6° 39′W 62 m

Northern Ireland

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·9	1·4	11·8	−5·3	13·9	−11·1	89	—	79	25	19	49	20	7·5	12
February	7·7	1·5	12·2	−4·2	14·4	−7·8	86	—	54	23	16	66	24	9·7	7
March	10·0	2·7	15·4	−3·2	20·0	−12·2	83	—	51	30	16	104	28	11·6	7
April	12·6	4·0	17·7	−1·1	21·7	−2·8	77	—	51	26	16	145	35	13·3	3
May	15·6	6·3	21·6	0·4	25·6	−1·7	75	—	56	28	16	185	37	15·0	2
June	18·3	9·2	24·3	4·2	28·3	1·7	76	—	69	33	16	169	33	15·0	2
July	19·2	11·1	24·3	7·0	30·6	5·0	80	—	92	44	20	128	25	14·8	3
August	19·0	10·8	23·5	5·7	28·3	2·2	83	—	80	42	18	133	29	13·3	3
September	16·7	9·1	21·2	3·3	26·7	−0·6	84	—	75	40	18	108	28	11·7	4
October	13·3	6·5	17·5	−0·2	21·7	−3·3	86	—	81	46	18	85	26	9·9	7
November	9·7	3·8	14·1	−2·5	16·7	−6·7	88	—	72	50	18	58	22	7·8	10
December	7·8	2·5	12·2	−4·1	15·0	−8·3	89	—	89	41	21	35	15	6·3	14
Year	13·1	5·7	26·1•	−6·9•	30·6	−12·2	83	—	849	50	212	1265	28	15·0	74
No. of years	30	30	30	30	30	30	30	—	30	30	30	30	30	30	30

Ballykelly 55° 04′N 7° 01′W 1 m

Northern Ireland

Period 1946–60 Bibliography 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·8	2·0	12·6	−7·3	14·4	−12·2	86	82	90	42	21	50	21	7·4	9
February	6·8	1·3	12·3	−6·9	13·9	−12·8	85	77	54	18	18	79	29	9·2	6
March	9·6	3·2	15·2	−4·3	18·9	−15·0	84	73	49	20	17	113	31	11·5	5
April	12·1	4·6	16·5	−2·2	17·8	−5·0	80	70	57	16	18	167	40	13·5	2
May	15·0	6·6	21·4	0·2	23·9	−3·3	78	69	50	59	15	205	41	15·5	1
June	17·4	9·4	23·6	3·0	27·8	0·0	78	71	60	22	16	171	33	15·8	2
July	18·1	11·2	23·4	6·1	28·9	3·9	82	75	93	60	20	143	28	15·1	3
August	18·3	10·9	22·8	4·2	27·8	2·2	84	76	70	55	18	149	32	13·4	2
September	16·6	9·9	21·9	3·6	25·6	−2·2	85	75	82	31	20	117	30	11·7	4
October	13·4	7·6	18·8	−0·6	22·2	−3·3	86	79	85	32	18	85	26	9·5	5
November	9·8	4·6	14·7	−3·2	18·3	−6·7	87	82	71	28	19	65	26	8·1	7
December	7·7	3·1	12·7	−5·6	16·7	−10·0	87	84	104	47	23	38	17	6·2	10
Year	12·6	6·2	25·8•	−9·5•	28·9	−15·0	83	76	865	60	223	1382	31	15·8	56
No. of years	14	14	14	14	14	14	12	12	11	14	14	13	13	11	11

Belfast (Aldergrove Airport) 54° 39′N 6° 13′W 67 m

Northern Ireland

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·0	1·5	11·3	−6·4	13·3	−12·8	92	87	80	28	20	45	18	7·3	13
February	6·8	1·5	11·2	−5·7	13·9	−11·7	91	80	52	22	17	65	24	9·5	8
March	9·2	2·7	14·6	−3·7	19·4	−12·2	88	74	50	26	16	104	28	11·4	7
April	11·8	3·9	17·0	−2·2	20·6	−4·4	83	69	48	21	16	149	35	13·8	3
May	14·9	6·1	20·9	−0·7	26·1	−3·3	79	66	52	25	15	196	39	15·5	2
June	17·5	9·2	23·7	3·1	28·3	−0·6	80	71	68	36	16	179	35	15·9	3
July	18·4	11·0	23·3	5·7	29·4	3·9	84	73	94	45	19	136	26	15·5	4
August	18·3	10·7	23·1	4·8	27·8	1·1	87	75	77	44	17	135	29	14·3	3
September	16·1	9·2	20·8	2·6	25·6	−2·2	89	78	80	43	18	107	28	11·8	4
October	12·6	6·8	17·2	−0·5	21·1	−4·4	91	80	83	38	19	81	25	10·2	7
November	9·1	4·1	13·4	−2·8	16·1	−6·1	92	85	72	28	19	53	21	8·0	10
December	6·9	2·9	11·6	−4·5	14·4	−10·6	92	89	90	35	21	35	15	6·5	14
Year	12·3	5·8	25·6•	−8·2•	29·4	−12·8	87	77	845	45	213	1285	29	15·9	78
No. of years	30	30	30	30	30	30	16	16	30	30	30	30	30	30	30

•Average of highest/lowest each year

UNITED KINGDOM

Achnashellach 57° 29′N 5° 16′W 67 m — Scotland

Period 1931–60 Bibliography 61, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·0	−0·4	11·1	−7·5	14·4	−12·8	—	—	232	59	23	—	—	—	—
February	6·4	−0·1	11·3	−7·3	15·6	−16·1	—	—	177	60	21	—	—	—	—
March	8·8	1·5	15·2	−4·8	21·1	−12·2	—	—	127	58	19	—	—	—	—
April	10·9	2·9	16·7	−2·6	22·8	−6·7	—	—	156	58	20	—	—	—	—
May	14·7	5·4	21·7	−0·9	27·2	−3·9	—	—	93	51	18	—	—	—	—
June	16·8	8·0	24·5	2·6	30·0	−0·6	—	—	114	64	19	—	—	—	—
July	17·5	10·0	23·3	4·8	31·1	−0·6	—	—	148	45	22	—	—	—	—
August	17·5	9·6	23·4	4·1	27·8	0·6	—	—	150	69	21	—	—	—	—
September	15·4	7·8	20·9	1·6	26·1	−2·2	—	—	189	73	22	—	—	—	—
October	12·1	5·3	17·3	−1·0	23·9	−4·4	—	—	234	56	24	—	—	—	—
November	8·9	2·4	13·9	−3·4	19·4	−10·6	—	—	196	75	23	—	—	—	—
December	7·0	1·1	12·6	−5·6	18·3	−13·9	—	—	242	66	24	—	—	—	—
Year	11·8	4·4	26·5*	−9·6*	31·1	−16·1	—	—	2058	75	256	—	—	—	—
No. of years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Arbroath 56° 33′N 2° 35′W 28 m — Scotland

Period 1931–60 Bibliography 61, 62, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·8	0·2	11·1	−6·1	14·4	−15·6	—	—	57	29	15	56	24	—	—
February	6·6	0·7	11·3	−4·8	14·4	−11·1	—	—	39	24	13	86	32	—	—
March	8·4	1·9	14·1	−3·6	18·3	−12·8	—	—	43	35	12	115	31	—	—
April	11·1	3·5	16·9	−1·2	21·1	−3·9	—	—	42	35	12	166	39	—	—
May	13·4	5·6	18·6	0·2	23·3	−2·2	—	—	52	40	13	198	39	—	—
June	16·4	8·3	22·7	3·1	28·3	−0·6	—	—	46	44	12	200	38	—	—
July	18·2	10·5	23·3	5·9	30·0	2·8	—	—	73	40	15	180	34	—	—
August	17·8	10·3	22·4	5·2	27·2	2·2	—	—	59	44	14	157	33	—	—
September	15·9	8·5	20·5	2·4	24·4	−2·2	—	—	54	44	12	139	36	—	—
October	12·5	6·0	16·9	−0·3	20·0	−4·4	—	—	66	42	15	102	31	—	—
November	9·1	3·2	13·4	−2·6	19·4	−7·8	—	—	64	40	15	63	25	—	—
December	6·9	1·7	11·5	−4·0	14·4	−11·7	—	—	58	33	16	43	20	—	—
Year	11·8	5·0	24·4*	−7·7*	30·0	−15·6	—	—	653	44	164	1505	33	—	—
No. of years	30	30	25	28	25	28	—	—	30	29	29	30	30	—	—

Auchincruive 55° 29′N 4° 34′W 45 m — Scotlan

Period 1932–60 Bibliography 61, 62, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·3	0·6	11·2	−6·8	14·4	−15·0	—	—	90	35	19	45	19	—	—
February	7·0	0·9	11·2	−5·9	13·3	−11·1	—	—	59	27	16	69	25	—	—
March	9·3	2·3	14·8	−3·7	20·0	−12·2	—	—	52	25	15	104	28	—	—
April	11·7	3·7	16·7	−2·2	21·1	−6·1	—	—	50	23	15	147	38	—	—
May	15·2	5·9	21·7	−0·1	26·1	−4·4	—	—	52	33	13	198	39	—	—
June	17·7	8·8	24·5	3·3	29·4	−1·1	—	—	65	51	14	182	35	—	—
July	18·5	10·9	24·2	5·7	30·6	2·8	—	—	88	41	18	153	29	—	—
August	18·5	10·6	23·3	4·8	27·8	1·7	—	—	82	58	17	142	31	—	—
September	16·4	9·0	21·4	1·4	26·1	−2·8	—	—	91	65	17	114	30	—	—
October	12·9	6·4	17·0	−1·3	22·2	−5·0	—	—	102	36	19	78	24	—	—
November	9·5	3·2	13·6	−2·9	16·7	−6·7	—	—	89	36	18	51	20	—	—
December	7·4	1·8	11·7	−5·3	13·9	−11·7	—	—	97	35	20	34	15	—	—
Year	12·5	5·3	26·2*	−8·6*	30·6	−15·0	—	—	917	65	201	1317	29	—	—
No. of years	29	29	29	29	29	29	—	—	30	29	29	29	29	—	—

*Average of highest/lowest each year

UNITED KINGDOM

Benbecula 57° 28′N 7° 22′W 6 m

Hebrides

Period 1941–60 Bibliography 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·4	2·6	10·4	−3·9	11·7	−10·0	87	85	142	49	25	38	16	—	—
February	6·7	2·7	9·9	−3·8	11·7	−10·6	86	79	93	29	21	73	27	—	—
March	8·5	3·8	13·0	−1·9	17·8	−6·1	84	76	76	30	19	117	32	—	—
April	10·2	4·9	13·8	−0·1	18·9	−2·8	81	75	79	26	20	177	41	—	—
May	13·1	6·9	19·3	1·4	22·8	−1·7	78	72	60	32	17	217	43	—	—
June	14·9	9·4	20·7	5·1	25·6	2·2	81	76	78	36	18	206	39	—	—
July	16·0	11·1	21·1	7·6	27·2	6·1	86	81	85	33	20	152	29	—	—
August	16·2	11·1	19·6	6·8	25·6	3·3	85	79	91	33	19	156	33	—	—
September	14·7	9·8	18·5	4·5	22·8	0·6	85	80	123	40	22	125	32	—	—
October	12·1	8·1	15·8	1·9	19·4	−1·7	86	81	137	31	22	80	25	—	—
November	9·5	5·6	12·8	−1·1	15·6	−6·1	86	83	129	40	24	53	22	—	—
December	7·6	4·3	11·2	−1·3	15·0	−6·1	86	84	152	43	26	27	13	—	—
Year	11·3	6·7	23·8*	−5·8*	27·2	−10·6	84	79	1245	49	253	1421	32	—	—
No. of years	16	16	17	17	17	17	16	16	19	17	17	13	13	—	—

Braemar 57° 00′N 3° 24′W 339 m

Scotland

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	3·7	−2·5	9·4	−12·9	13·3	−20·6	85	—	96	83	19	24	10	—	—
February	4·2	−2·3	9·6	−12·1	13·3	−25·0	84	—	66	43	17	56	21	—	—
March	6·6	−1·0	13·6	−10·1	20·6	−21·7	80	—	52	24	16	94	26	—	—
April	9·4	1·1	15·9	−5·4	21·1	−8·9	73	—	55	25	17	129	30	—	—
May	13·3	3·4	21·0	−3·2	27·2	−7·8	70	—	62	35	15	167	33	—	—
June	16·4	6·4	24·4	0·4	28·3	−3·3	69	—	50	33	15	165	31	—	—
July	17·6	8·6	23·9	3·0	29·4	−0·6	74	—	73	33	17	142	27	—	—
August	17·1	8·1	23·5	1·2	27·8	−1·7	78	—	75	44	16	124	26	—	—
September	14·4	6·1	20·1	−1·2	23·9	−6·1	80	—	72	38	17	104	27	—	—
October	10·5	3·6	16·3	−4·2	21·1	−8·3	83	—	101	48	20	66	21	—	—
November	6·8	0·8	11·9	−7·7	15·6	−16·1	85	—	96	58	19	31	12	—	—
December	4·8	−0·8	10·1	−10·3	12·2	−21·7	84	—	101	40	20	18	8	—	—
Year	10·4	2·6	26·3*	−16·5*	29·4	−25·0	79	—	899	83	208	1120	25	—	—
No. of years	30	30	30	30	30	30	27	—	30	30	30	28	28	—	—

Colmonell 55° 08′N 4° 57′W 52 m

Scotland

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·7	0·9	11·9	−6·8	15·0	−15·0	—	—	111	43	20	—	—	—	—
February	7·0	0·9	10·9	−6·0	13·3	−11·7	—	—	72	51	16	—	—	—	—
March	9·2	2·0	14·1	−4·2	18·9	−11·1	—	—	61	33	15	—	—	—	—
April	11·4	3·6	16·1	−2·4	20·6	−5·6	—	—	54	20	15	—	—	—	—
May	14·8	5·5	20·9	−0·8	26·7	−3·3	—	—	54	45	13	—	—	—	—
June	17·0	8·6	23·8	2·6	29·4	−0·6	—	—	64	30	15	—	—	—	—
July	18·0	10·6	23·1	4·9	30·0	2·2	—	—	85	39	17	—	—	—	—
August	18·0	10·4	22·6	4·4	26·1	1·1	—	—	82	49	17	—	—	—	—
September	16·1	8·7	20·6	1·2	25·0	−3·3	—	—	106	55	18	—	—	—	—
October	13·0	6·3	17·1	−1·7	21·7	−5·0	—	—	115	75	19	—	—	—	—
November	9·7	3·7	13·6	−2·9	16·1	−7·2	—	—	112	41	19	—	—	—	—
December	7·8	2·2	11·8	−5·2	13·9	−9·4	—	—	127	51	21	—	—	—	—
Year	12·4	5·3	25·8*	−8·3*	30·0	−15·0	—	—	1043	75	205	—	—	—	—
No. of years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED KINGDOM

Craibstone 57°11′N 2°12′W 91 m — Scotland

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·1	0·0	10·9	−6·3	13·3	−12·2	—	—	78	32	19	56	24	—	—
February	5·6	0·2	11·4	−5·3	16·1	−10·6	—	—	55	27	16	81	30	—	—
March	7·5	1·5	14·0	−3·7	20·0	−11·7	—	—	53	44	15	109	30	—	—
April	10·2	2·9	16·6	−1·7	21·1	−3·9	—	—	51	52	15	148	35	—	—
May	12·7	5·1	18·7	−0·1	22·8	−2·2	—	—	63	42	14	182	36	—	—
June	15·9	7·8	23·1	3·0	28·9	0·6	—	—	54	47	14	183	34	—	—
July	17·6	9·9	23·3	5·4	27·2	2·8	—	—	95	51	18	159	30	—	—
August	17·2	9·6	22·3	4·7	26·7	1·7	—	—	75	45	15	149	32	—	—
September	15·2	8·1	20·7	2·4	25·0	−0·6	—	—	67	64	16	130	34	—	—
October	11·7	5·6	17·1	0·1	21·1	−2·8	—	—	92	71	18	97	30	—	—
November	8·3	3·1	13·3	−1·9	17·2	−7·8	—	—	93	70	19	60	24	—	—
December	6·2	1·4	11·3	−4·1	15·6	−8·9	—	—	80	39	18	47	22	—	—
Year	11·1	4·6	24·8*	−8·0*	28·9	−12·2	—	—	856	71	197	1401	31	—	—
No. of years	30	30	30	30	30	30	—	—	30	30	30	30	30	—	—

Dalwhinnie 56°56′N 4°14′W 359 m — Scotland

Period 1931–60 Bibliography 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·7	−2·1	8·8	−12·7	13·3	−20·6	88	87	133	59	20	27	12	—	—
February	3·4	−2·0	8·5	−11·7	11·7	−21·7	88	87	97	41	19	51	19	—	—
March	6·2	−0·7	12·7	−9·3	17·2	−17·8	88	81	70	30	18	92	25	—	—
April	9·3	0·8	15·3	−6·2	19·4	−10·0	83	72	78	34	18	118	28	—	—
May	12·8	3·1	20·7	−4·4	25·6	−7·2	79	66	69	36	16	158	31	—	—
June	15·8	6·1	23·8	−1·2	28·8	−5·6	78	67	66	43	16	150	28	—	—
July	16·7	8·2	22·8	1·8	30·0	−1·7	83	73	90	48	19	121	23	—	—
August	16·4	8·0	22·6	0·9	27·2	−2·8	85	74	85	35	18	115	24	—	—
September	13·7	6·2	18·8	−2·1	23·3	−6·7	86	79	103	40	18	91	24	—	—
October	9·8	3·8	15·1	−4·8	20·6	−11·7	86	84	143	56	20	61	19	—	—
November	6·2	1·2	11·3	−7·6	15·6	−17·2	88	86	125	54	20	31	13	—	—
December	4·0	−0·3	9·7	−10·0	13·3	−17·2	88	87	158	68	21	17	8	—	—
Year	9·7	2·7	26·1*	−15·2*	30·0	−21·7	85	79	1217	68	223	1032	23	—	—
No. of years	30	30	30	30	30	30	27	26	30	30	30	30	30	—	—

Dumfries 55°04′N 3°36′W 43 m — Scotland

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·6	0·2	10·6	−6·8	12·8	−14·4	—	—	106	47	18	43	18	—	—
February	6·4	0·7	11·1	−5·6	13·3	−10·0	—	—	67	26	15	66	24	—	—
March	8·9	1·8	15·0	−4·3	21·1	−12·2	—	—	63	48	14	100	27	—	—
April	11·6	3·6	17·2	−2·2	22·8	−5·0	—	—	59	25	14	137	32	—	—
May	15·1	6·0	22·2	0·1	25·6	−2·2	—	—	66	33	14	188	38	—	—
June	17·8	9·2	25·0	3·9	29·4	0·6	—	—	70	41	14	184	36	—	—
July	18·8	11·2	24·4	6·2	30·6	2·8	—	—	94	47	17	153	29	—	—
August	18·6	10·8	23·9	5·6	28·9	2·2	—	—	87	50	16	145	31	—	—
September	16·3	8·8	21·1	2·4	25·6	−1·1	—	—	99	51	16	111	29	—	—
October	12·7	6·0	17·2	−1·3	22·8	−4·4	—	—	106	47	18	84	26	—	—
November	9·1	3·2	13·3	−3·1	16·7	−8·9	—	—	111	45	18	51	20	—	—
December	6·9	1·6	11·7	−4·9	13·9	−8·3	—	—	106	39	20	34	15	—	—
Year	12·3	5·3	27·2*	−8·1*	30·6	−14·4	—	—	1034	51	194	1296	29	—	—
No. of years	30	30	30	30	30	30	—	—	30	30	30	30	30	—	—

*Average of highest/lowest each year

UNITED KINGDOM

Dunbar 56° 00′N 2° 31′W 23 m — Scotland

Period 1931–60 Bibliography 62, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·2	0·9	12·0	−4·6	15·0	−11·7	—	—	47	24	16	56	23	—	—
February	6·6	1·3	11·7	−3·9	16·1	−11·7	—	—	32	19	13	79	29	—	—
March	8·4	2·4	14·4	−2·6	21·1	−10·0	—	—	37	29	13	112	31	—	—
April	10·7	4·1	16·7	−0·7	20·6	−2·8	—	—	35	32	12	159	37	—	—
May	12·8	6·2	19·2	1·3	23·3	−3·3	—	—	45	35	12	190	38	—	—
June	16·3	9·0	23·2	4·7	29·4	1·1	—	—	42	23	12	199	38	—	—
July	18·2	11·0	23·7	7·2	31·1	4·4	—	—	68	52	15	179	34	—	—
August	17·8	10·7	22·9	6·5	28·3	2·8	—	—	58	35	14	157	33	—	—
September	16·0	9·1	21·1	4·3	23·9	−2·2	—	—	48	32	14	139	36	—	—
October	12·7	6·8	17·5	1·3	22·8	−2·2	—	—	56	27	15	99	31	—	—
November	9·3	3·9	14·2	−1·4	18·3	−6·1	—	—	53	28	16	63	25	—	—
December	7·4	2·3	12·5	−2·8	15·6	−7·2	—	—	47	33	16	48	22	—	—
Year	11·9	5·6	25·5*	−6·2*	31·1	−11·7	—	—	568	52	168	1480	33	—	—
No. of years	29	29	29	29	29	29	—	—	29	29	29	30	30	—	—

Dundee 56° 28′N 2° 56′W 45 m — Scotland

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·2	0·0	10·6	−5·6	13·3	−11·7	—	—	65	28	16	53	23	—	—
February	6·2	0·5	11·4	−4·6	14·4	−11·7	—	—	47	35	14	81	30	—	—
March	8·3	1·8	14·0	−2·9	18·3	−10·0	—	—	49	56	14	104	29	—	—
April	11·4	3·5	17·7	−0·9	21·1	−2·8	—	—	43	40	14	146	34	—	—
May	14·4	5·7	21·1	0·7	25·6	−3·3	—	—	62	41	14	174	34	—	—
June	17·6	8·7	24·6	3·9	29·4	1·1	—	—	55	49	14	174	33	—	—
July	19·4	10·8	24·9	6·8	30·0	4·4	—	—	89	46	17	158	30	—	—
August	18·7	10·4	23·7	5·8	28·9	2·8	—	—	72	57	15	142	30	—	—
September	16·5	8·3	21·3	2·6	26·1	−2·2	—	—	61	68	14	125	33	—	—
October	12·6	5·6	16·8	−0·5	20·6	−2·2	—	—	76	47	16	93	29	—	—
November	8·7	2·7	13·2	−2·6	16·1	−6·1	—	—	71	42	17	57	23	—	—
December	6·5	1·2	11·5	−3·9	15·0	−7·2	—	—	71	62	17	41	19	—	—
Year	12·1	4·9	26·3*	−6·7*	30·0	−11·7	—	—	761	68	182	1348	30	—	—
No. of years	30	30	30	30	30	30	—	—	30	30	30	30	30	—	—

Duntulm 57° 39′N 6° 22′W 90 m — Scotland

Period 1934–60 Bibliography 61, 62, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·3	2·3	10·3	−2·1	13·9	−6·1	—	—	137	38	23	34	15	—	—
February	6·4	2·1	10·1	−2·2	13·9	−5·0	—	—	95	38	21	61	23	—	—
March	8·2	3·3	13·3	−1·2	20·0	−4·4	—	—	82	37	19	109	30	—	—
April	9·7	4·3	14·2	0·0	18·9	−2·2	—	—	84	33	19	138	32	—	—
May	12·6	6·4	18·7	1·6	23·3	−1·1	—	—	67	44	17	201	39	—	—
June	14·3	8·7	20·8	4·9	27·8	2·8	—	—	86	74	19	170	31	—	—
July	15·4	10·4	20·6	7·4	27·2	4·4	—	—	113	53	22	125	23	—	—
August	15·6	10·7	20·3	7·3	25·0	5·6	—	—	115	44	21	128	27	—	—
September	14·2	9·4	18·6	5·2	25·0	2·2	—	—	128	53	22	104	27	—	—
October	11·6	7·2	15·7	2·3	21·1	−0·6	—	—	158	44	23	69	22	—	—
November	9·1	4·9	12·6	0·6	15·6	−2·2	—	—	143	44	24	41	17	—	—
December	7·5	3·6	11·0	−0·8	15·0	−4·4	—	—	143	38	25	24	12	—	—
Year	10·9	6·1	23·3*	−3·5*	27·8	−6·1	—	—	1346	74	255	1204	27	—	—
No. of years	26	26	26	26	26	26	—	—	27	26	26	27	27	—	—

*Average of highest/lowest each year

UNITED KINGDOM

Edinburgh/Blackford Hill 55°55′N 3°11′W 134 m

Scotland

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·5	1·1	11·1	−4·2	13·9	−8·3	84	—	57	25	17	54	22	—	—
February	6·0	1·1	11·4	−3·9	14·4	−9·4	83	—	39	20	15	76	28	—	—
March	8·0	2·3	14·1	−2·4	20·0	−6·1	81	—	39	29	15	111	30	—	—
April	10·8	4·0	16·9	−0·4	22·2	−3·9	75	—	39	33	14	146	35	—	—
May	13·5	6·3	20·3	1·4	24·4	−0·6	76	—	54	39	14	181	36	—	—
June	16·7	9·2	23·5	5·4	28·3	2·8	75	—	47	34	15	188	37	—	—
July	18·4	11·2	23·7	8·0	28·3	5·6	78	—	83	48	17	162	31	—	—
August	17·8	11·1	23·0	7·3	27·8	4·4	80	—	77	71	16	143	31	—	—
September	15·6	9·4	20·7	4·7	25·0	0·6	80	—	57	49	16	126	33	—	—
October	12·1	6·7	17·1	1·2	20·0	−2·2	82	—	65	39	17	96	17	—	—
November	8·7	4·1	13·5	−0·8	19·4	−4·4	83	—	62	39	17	57	22	—	—
December	6·8	2·4	11·9	−3·0	14·4	−6·7	84	—	57	42	18	44	19	—	—
Year	11·6	5·7	25·3*	−5·6*	28·3	−9·4	80	—	676	71	191	1384	31	—	—
No. of years	30	30	30	30	30	30	27	—	30	30	30	30	30	—	—

Eskdalemuir 55°19′N 3°12′W 242 m

Scotland

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	3·8	−0·9	9·4	−9·2	11·7	−17·0	90	86	175	56	22	44	18	—	—
February	4·7	−0·8	9·5	−8·8	13·3	−16·7	89	81	112	45	18	65	24	—	—
March	7·4	0·2	14·1	−7·1	19·1	−14·1	86	74	97	44	17	95	26	—	—
April	10·4	1·7	16·3	−4·2	20·2	−8·5	79	67	97	42	17	130	31	—	—
May	14·2	4·2	21·1	−1·9	25·0	−6·0	75	65	87	45	15	174	35	—	—
June	16·7	7·2	24·2	1·6	28·3	−4·4	77	69	108	106	17	169	33	—	—
July	17·8	9·2	23·6	3·7	29·2	−1·6	81	73	131	57	19	140	27	—	—
August	17·4	8·9	23·0	3·3	27·3	−0·6	84	75	120	54	18	129	28	—	—
September	14·9	7·2	19·9	0·6	23·3	−4·8	87	77	136	58	18	100	26	—	—
October	11·2	4·6	15·7	−2·4	18·3	−8·2	90	79	149	61	20	78	24	—	—
November	7·6	2·2	12·2	−5·1	15·0	−10·9	92	85	153	64	21	50	20	—	—
December	5·1	0·8	9·9	−6·6	12·3	−12·8	91	88	162	65	22	36	16	—	—
Year	10·9	3·7	25·9*	−11·0*	29·2	−17·0	85	77	1527	106	224	1210	27	—	—
No. of years	30	30	30	30	30	30	16	16	30	30	30	30	30	—	—

Gordon Castle 57°37′N 3°05′W 32 m

Scotlan

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·9	0·3	11·9	−6·1	16·1	−15·0	—	—	62	26	17	45	20	—	—
February	6·7	0·4	12·4	−5·5	16·1	−16·1	—	—	51	28	15	71	27	—	—
March	8·9	1·8	15·6	−3·5	22·2	−12·2	—	—	42	33	14	109	30	—	—
April	11·4	3·3	17·6	−1·4	22·2	−3·3	—	—	42	26	14	137	32	—	—
May	14·5	5·8	21·6	0·1	26·7	−2·8	—	—	49	36	14	176	34	—	—
June	17·2	8·5	24·9	3·6	30·0	0·0	—	—	56	55	14	169	31	—	—
July	18·6	10·5	24·2	5·9	30·0	2·8	—	—	88	43	18	144	27	—	—
August	18·4	10·2	24·4	5·2	30·0	3·3	—	—	84	62	17	142	30	—	—
September	16·2	8·2	22·0	2·9	26·1	−1·1	—	—	67	39	16	119	31	—	—
October	12·7	5·6	18·2	0·2	23·9	−3·3	—	—	77	29	18	89	28	—	—
November	9·0	3·0	14·2	−2·2	19·4	−9·4	—	—	71	36	18	51	21	—	—
December	6·9	1·5	12·4	−4·3	15·6	−11·1	—	—	64	45	18	35	17	—	—
Year	12·2	4·9	26·8*	−8·3*	30·0	−16·1	—	—	753	62	193	1287	29	—	—
No. of years	30	30	30	30	30	30	—	—	30	30	30	30	30	—	—

*Average of highest/lowest each year

UNITED KINGDOM

Kirkwall 58° 57′N 2° 54′W 26 m — Orkney Islands

Period 1931–44 1951–60 Bibliography 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·6	1·7	9·5	−3·3	11·7	−7·8	86	85	105	22	21	34	16	—	—
February	5·7	1·6	9·6	−3·3	13·9	−6·7	86	82	79	32	17	60	23	—	—
March	7·0	2·6	11·5	−2·0	16·7	−6·7	85	80	65	45	14	99	27	—	—
April	9·1	3·5	13·5	−0·7	17·8	−2·8	79	75	51	17	13	150	35	—	—
May	11·6	5·8	16·8	1·2	19·4	−1·1	80	78	46	26	11	169	32	—	—
June	13·9	8·0	19·6	3·6	23·9	1·7	81	77	46	31	10	170	31	—	—
July	15·6	10·1	19·8	6·2	23·9	2·8	83	79	71	33	13	135	25	—	—
August	15·6	10·3	20·0	6·2	22·8	3·9	86	82	75	40	14	129	27	—	—
September	13·8	9·0	18·2	4·6	23·3	0·6	86	81	78	28	15	114	29	—	—
October	11·0	6·8	14·9	1·9	19·4	−0·6	87	84	113	32	19	79	25	—	—
November	8·4	4·6	11·7	0·4	13·9	−3·3	88	86	107	27	20	40	17	—	—
December	6·7	3·2	10·6	−1·7	13·3	−6·1	87	86	112	44	21	25	13	—	—
Year	10·3	5·6	21·4*	−4·7*	23·9	−7·8	85	81	950	45	188	1204	27	—	—
No. of years	24	24	24	24	24	24	9	9	24	24	24	24	24	—	—

Lerwick 60° 09′N 1° 10′W 82 m — Shetland Islands

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·0	1·2	9·3	−3·9	11·7	−8·9	87	86	109	37	25	25	12	—	—
February	5·0	0·9	8·7	−3·9	11·7	−7·2	88	84	87	36	22	51	20	—	—
March	6·0	1·8	9·9	−2·8	12·8	−8·3	85	83	69	40	20	90	25	—	—
April	8·1	2·8	11·7	−1·5	16·1	−5·0	81	80	68	23	21	132	30	—	—
May	10·5	5·1	14·4	0·6	19·4	−2·2	83	79	52	40	15	165	31	—	—
June	12·6	7·4	17·2	3·3	23·3	−0·6	84	81	55	29	15	158	28	—	—
July	14·4	9·7	17·8	6·7	22·8	3·9	89	85	72	86	17	125	22	—	—
August	14·4	9·7	17·3	6·5	20·6	2·8	88	85	71	44	17	117	24	—	—
September	12·9	8·4	16·2	3·7	19·4	−0·6	89	85	87	47	19	105	27	—	—
October	10·1	6·2	13·7	1·1	16·1	−3·3	88	85	104	26	23	67	21	—	—
November	7·8	4·1	11·3	−0·8	14·4	−4·4	90	88	111	66	24	33	14	—	—
December	6·2	2·7	10·3	−2·6	12·2	−7·2	87	87	118	37	25	14	7	—	—
Year	9·4	5·0	19·0*	−5·6*	23·3	−8·9	87	84	1003	86	243	1082	24	—	—
No. of years	30	30	30	30	30	30	16	16	30	30	30	30	30	—	—

Marchmont 55° 44′N 2° 25′W 152 m — Scotland

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·1	−0·4	10·3	−6·8	12·8	−13·3	—	—	71	29	18	44	18	—	—
February	5·8	−0·2	10·8	−6·2	15·0	−12·2	—	—	52	25	16	61	23	—	—
March	8·2	1·1	14·9	−4·4	20·6	−11·1	—	—	51	35	16	97	27	—	—
April	11·0	2·9	17·5	−2·0	22·2	−6·1	—	—	46	32	15	142	34	—	—
May	14·1	5·2	20·9	−0·1	25·6	−2·8	—	—	56	43	15	172	34	—	—
June	17·2	8·1	24·1	3·7	28·3	1·7	—	—	56	40	15	180	34	—	—
July	18·8	10·2	24·6	6·1	30·0	3·3	—	—	74	35	17	155	30	—	—
August	18·3	9·9	24·3	5·6	28·9	3·3	—	—	82	102	17	142	30	—	—
September	15·9	8·0	21·3	3·0	24·4	−2·2	—	—	60	35	16	117	31	—	—
October	12·1	5·3	17·1	−0·4	23·9	−3·9	—	—	81	63	18	76	23	—	—
November	8·4	2·4	13·3	−3·1	18·3	−7·2	—	—	75	42	19	47	19	—	—
December	6·3	1·0	11·4	−4·4	15·0	−7·8	—	—	61	35	19	36	17	—	—
Year	11·8	4·5	26·3*	−8·0*	30·0	−13·3	—	—	765	102	201	1269	28	—	—
No. of years	30	30	28	29	28	29	—	—	30	30	30	30	30	—	—

*Average of highest/lowest each year

Nairn 57°35′N 3°52′W 6 m

Scotland

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						per cent		millimetres			hours		hours	
January	5·9	0·2	11·5	−7·2	15·0	−13·3	—	—	49	24	16	49	21	—	—
February	6·6	0·6	12·0	−6·4	16·7	−16·7	—	—	37	21	15	72	27	—	—
March	8·8	1·8	14·7	−4·6	17·8	−12·2	—	—	33	22	14	113	31	—	—
April	11·1	3·5	16·8	−2·2	22·2	−5·0	—	—	41	38	15	142	33	—	—
May	13·7	5·9	20·7	−0·8	26·1	−2·8	—	—	45	40	14	173	34	—	—
June	16·6	8·7	24·6	3·4	29·4	0·6	—	—	47	44	14	171	32	—	—
July	18·0	10·7	23·5	5·9	28·3	2·8	—	—	74	59	18	139	26	—	—
August	17·7	10·5	23·3	4·7	30·6	1·1	—	—	71	79	16	133	28	—	—
September	15·9	8·6	21·2	2·2	25·0	1·7	—	—	50	33	16	123	32	—	—
October	12·5	6·0	17·9	−0·7	24·4	−5·6	—	—	64	44	18	93	29	—	—
November	9·0	3·0	14·0	−3·8	20·0	−12·2	—	—	50	33	16	53	22	—	—
December	7·0	1·4	12·3	−5·4	16·1	−10·0	—	—	51	23	17	37	18	—	—
Year	11·9	5·1	24·6*	−9·3*	30·6	−16·7	—	—	612	79	189	1298	29	—	—
No. of years	30	30	30	30	30	30	—	—	30	30	30	30	30	—	—

Oban 56°25′N 5°30′W 69 m

Scotland

Period 1931–60 Bibliography 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						per cent		millimetres			hours		hours	
January	6·2	1·5	10·4	−4·1	13·3	−8·3	—	—	146	48	20	35	15	—	—
February	6·7	1·4	10·4	−3·6	12·8	−6·7	—	—	109	54	17	66	24	—	—
March	8·7	2·8	13·8	−2·2	19·4	−5·6	—	—	83	37	15	103	28	—	—
April	10·9	4·3	15·7	0·0	20·6	−1·7	—	—	90	34	17	142	33	—	—
May	14·3	6·6	21·1	1·6	25·6	−3·9	—	—	72	42	16	197	39	—	—
June	16·3	9·2	23·8	5·2	28·9	2·8	—	—	87	61	16	178	34	—	—
July	17·1	10·7	22·8	7·5	29·4	5·0	—	—	120	53	20	137	26	—	—
August	17·3	10·8	22·4	7·1	27·2	3·3	—	—	116	43	19	135	29	—	—
September	15·4	9·4	20·4	4·6	23·9	0·6	—	—	141	52	19	108	28	—	—
October	12·1	6·9	16·3	1·4	22·2	−5·0	—	—	169	40	21	70	22	—	—
November	9·3	4·4	12·9	−0·8	15·6	−5·0	—	—	146	60	20	43	17	—	—
December	7·4	2·8	11·4	−2·4	14·4	−6·1	—	—	172	38	22	27	12	—	—
Year	11·8	5·9	26·1*	−5·2*	29·4	−8·3	—	—	1451	61	222	1241	28	—	—
No. of years	30	30	30	30	30	30	—	—	30	30	30	30	30	—	—

Onich 56°43′N 5°13′W 15 m

Scotlan

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						per cent		millimetres			hours		hours	
January	6·4	0·9	11·5	−5·7	16·7	−11·1	—	—	203	47	21	30	13	—	—
February	6·9	1·0	11·1	−5·3	14·4	−8·3	—	—	162	59	18	57	21	—	—
March	9·0	2·3	14·3	−3·3	20·6	−9·4	—	—	127	61	17	94	26	—	—
April	11·1	3·7	16·3	−1·7	22·8	−4·4	—	—	133	60	19	120	28	—	—
May	14·7	6·2	21·6	−0·1	27·8	−2·8	—	—	94	65	17	173	34	—	—
June	16·6	8·7	23·7	3·3	28·9	0·6	—	—	125	68	18	146	28	—	—
July	17·4	10·4	23·1	5·3	30·0	3·3	—	—	160	83	22	110	21	—	—
August	17·5	10·4	22·6	4·9	28·9	2·2	—	—	154	58	20	116	25	—	—
September	15·6	8·7	19·8	2·5	24·4	−2·2	—	—	190	92	21	90	23	—	—
October	12·4	6·4	16·7	0·0	23·3	−3·3	—	—	214	67	22	64	20	—	—
November	9·3	3·7	13·7	−2·5	17·2	−6·7	—	—	181	75	21	37	15	—	—
December	7·7	2·3	12·1	−4·3	15·6	−9·4	—	—	236	75	23	21	10	—	—
Year	12·1	5·4	25·9*	−7·1*	30·0	−11·1	—	—	1979	92	239	1058	23	—	—
No. of years	30	30	30	30	30	30	—	—	30	30	30	30	30	—	—

*Average of highest/lowest each year

Perth 56° 24′N 3° 27′W 23 m — Scotland

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·6	−0·8	11·3	−9·0	14·4	−17·8	—	—	70	46	16	41	17	—	—
February	6·6	−0·3	11·8	−7·2	14·4	−18·9	—	—	53	27	15	74	28	—	—
March	8·9	1·4	14·8	−5·0	19·4	−15·6	—	—	47	42	15	100	27	—	—
April	12·2	3·2	17·9	−2·6	22·2	−5·6	—	—	44	27	13	147	37	—	—
May	15·5	5·6	22·2	−0·8	25·0	−3·3	—	—	57	62	13	180	35	—	—
June	18·6	8·7	25·4	3·1	31·7	−0·6	—	—	53	35	14	186	35	—	—
July	19·9	10·7	25·3	5·6	31·1	3·3	—	—	84	46	16	163	31	—	—
August	18·8	10·2	24·8	3·9	28·9	0·6	—	—	71	37	15	136	29	—	—
September	16·8	8·1	21·5	1·2	25·6	−3·9	—	—	67	43	15	120	31	—	—
October	12·8	5·4	17·8	−2·1	22·2	−4·4	—	—	78	39	17	85	26	—	—
November	8·9	2·1	13·8	−4·9	17·8	−10·0	—	—	71	39	18	49	20	—	—
December	6·7	0·7	12·0	−6·7	14·4	−13·3	—	—	80	47	19	31	14	—	—
Year	12·6	4·6	27·2*	−10·9*	31·7	−18·9	—	—	775	62	186	1312	29	—	—
No. of years	30	30	30	30	30	30	—	—	30	30	30	30	30	—	—

Rattray Head 57° 37′N 1° 50′W 26 m — Scotland

Period 1948–60 Bibliography 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·2	1·1	10·1	−5·6	12·8	−12·2	84	83	71	31	21	49	22	—	—
February	5·7	1·0	10·8	−3·7	15·0	−6·7	87	82	52	16	17	74	28	—	—
March	7·3	2·5	13·5	−2·3	17·8	−9·4	86	79	50	25	15	102	28	—	—
April	9·6	3·6	15·4	−0·7	18·9	−2·8	80	74	41	22	16	169	39	—	—
May	11·3	5·9	16·9	1·7	20·6	0·0	82	80	45	29	15	185	36	—	—
June	13·7	8·4	20·7	4·1	28·3	1·7	82	80	56	34	15	162	30	—	—
July	15·7	10·3	21·2	6·1	24·4	3·3	84	80	68	50	15	167	31	—	—
August	15·4	10·3	20·1	6·4	25·6	5·0	85	82	74	27	18	150	31	—	—
September	14·5	8·9	19·7	4·4	23·3	1·1	85	78	59	31	17	127	33	—	—
October	11·8	6·8	16·8	0·8	20·0	−2·2	85	78	77	32	19	93	29	—	—
November	8·7	4·5	12·5	−1·2	14·4	−3·3	86	83	84	29	21	51	21	—	—
December	6·4	2·4	11·4	−2·5	13·3	−6·1	84	83	78	28	20	45	22	—	—
Year	10·4	5·5	22·8*	−6·2*	28·3	−12·2	84	80	755	50	209	1374	30	—	—
No. of years	13	13	13	13	13	13	13	13	13	13	13	12	12	—	—

Renfrew 55° 52′N 4° 24′W 6 m — Scotland

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·4	0·8	11·1	−7·9	13·3	−17·8	89	84	111	33	19	35	15	—	—
February	6·6	1·2	11·3	−6·4	13·9	−15·0	88	78	85	36	16	60	22	—	—
March	9·0	2·3	14·9	−4·2	21·1	−13·9	86	72	69	27	15	91	25	—	—
April	11·9	3·8	17·3	−2·4	21·1	−6·1	78	64	67	29	15	142	33	—	—
May	15·4	6·1	22·2	−0·2	26·1	−3·9	75	61	63	34	14	185	37	—	—
June	18·0	9·1	25·1	3·6	30·0	0·0	75	64	70	36	15	183	35	—	—
July	19·0	11·1	24·4	5·5	28·9	2·2	78	67	97	39	17	159	30	—	—
August	18·8	10·8	24·1	4·6	29·4	0·6	82	68	93	65	17	137	29	—	—
September	16·4	8·8	21·3	1·3	26·7	−3·9	85	73	102	41	17	111	29	—	—
October	12·6	6·3	17·0	−2·0	23·9	−7·2	88	77	119	48	18	72	22	—	—
November	8·8	3·4	13·6	−4·0	16·7	−8·9	91	82	106	39	18	42	17	—	—
December	6·6	2·2	11·9	−6·4	14·4	−11·1	89	85	127	40	20	26	12	—	—
Year	12·4	5·5	26·8*	−9·7*	30·0	−17·8	84	73	1109	65	201	1243	28	—	—
No. of years	30	30	30	30	30	30	16	16	30	30	30	30	30	—	—

*Average of highest/lowest each year

UNITED KINGDOM

Rothesay 55° 50′N 5° 04′W 43 m

Scotland

Period 1931–60	Temperature						Relative humidity		Precipitation			Bright sunshine			
Bibliography 61, 62, 63, 64	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·3	2·0	10·9	−2·6	13·3	−6·1	89	—	137	55	21	42	18	—	—
February	6·6	1·8	10·4	−2·4	13·3	−5·6	87	—	93	43	18	66	25	—	—
March	8·4	2·9	13·0	−1·2	17·8	−5·0	85	—	79	35	16	97	27	—	—
April	11·2	4·3	15·4	0·5	18·3	−1·7	81	—	82	34	17	146	34	—	—
May	14·4	6·6	20·9	1·9	25·6	−1·1	80	—	72	38	14	198	39	—	—
June	16·9	9·2	23·1	5·7	27·8	3·3	82	—	87	59	16	187	36	—	—
July	17·9	10·8	22·8	7·6	27·8	5·0	85	—	114	49	19	155	29	—	—
August	17·7	10·9	22·2	7·6	28·3	5·6	86	—	108	52	18	142	30	—	—
September	15·5	8·5	19·4	5·4	22·2	−1·1	87	—	126	40	19	111	29	—	—
October	12·1	7·1	15·9	2·2	21·7	−2·2	87	—	150	60	21	74	23	—	—
November	9·2	4·7	12·8	0·6	16·1	−2·8	88	—	136	51	20	48	19	—	—
December	7·4	3·2	11·5	−1·1	13·9	−3·9	88	—	147	64	22	30	14	—	—
Year	11·9	6·0	25·2*	−3·3*	28·3	−6·1	85	—	1331	64	221	1296	29	—	—
No. of years	30	30	30	30	30	30	26	—	30	30	30	30	30	—	—

Stirling 56° 07′N 3° 56′W 46 m

Scotland

Period 1931–60	Temperature						Relative humidity		Precipitation			Bright sunshine			
Bibliography 61, 63, 64	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·6	0·3	11·0	−6·3	13·3	−13·3	—	—	101	38	17	32	13	—	—
February	6·6	0·8	11·6	−5·2	14·4	−13·9	—	—	66	25	15	65	24	—	—
March	8·9	2·3	14·8	−3·1	20·6	−11·1	—	—	57	32	14	98	27	—	—
April	12·2	4·0	18·2	−·08	23·3	−3·3	—	—	56	29	14	131	31	—	—
May	15·5	6·3	21·8	1·2	26·1	−1·1	—	—	64	36	13	159	31	—	—
June	18·3	9·4	24·9	5·1	29·4	2·8	—	—	61	57	14	168	32	—	—
July	19·5	11·3	25·2	7·3	30·6	4·4	—	—	87	48	15	134	25	—	—
August	18·9	11·1	24·1	6·2	28·3	3·3	—	—	81	55	15	130	28	—	—
September	16·3	9·1	20·9	3·3	24·4	−1·7	—	—	92	57	15	107	28	—	—
October	12·3	6·4	16·6	−0·1	23·3	−3·3	—	—	103	57	17	72	22	—	—
November	8·9	3·2	13·3	−2·9	15·6	−7·8	—	—	91	39	17	50	20	—	—
December	6·9	1·8	11·7	−4·5	13·9	−8·3	—	—	104	45	18	30	14	—	—
Year	12·5	5·5	26·7*	−7·7*	30·6	−13·9	—	—	963	57	184	1176	27	—	—
No. of years	30	30	28	30	28	30	—	—	30	30	30	20	20	—	—

Stornoway 58° 13′N 6° 20′W 3 m

Hebrides

Period 1931–60	Temperature						Relative humidity		Precipitation			Bright sunshine			
Bibliography 61, 62, 63, 64	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·3	2·4	10·7	−4·4	12·2	−12·2	88	86	152	52	24	35	15	—	—
February	6·6	2·2	10·4	−3·9	12·8	−10·6	88	82	104	30	21	62	24	—	—
March	8·2	3·1	12·3	−2·7	17·2	−8·3	85	78	80	28	19	108	30	—	—
April	9·8	4·2	13·4	−0·8	16·7	−3·3	82	77	86	44	20	142	33	—	—
May	12·4	6·3	17·8	0·8	21·7	−2·8	80	75	61	25	17	195	38	—	—
June	14·6	8·6	20·0	3·6	24·4	0·6	81	76	74	46	17	173	32	—	—
July	15·9	10·6	19·9	6·1	25·0	2·8	85	79	93	40	21	128	24	—	—
August	16·0	10·6	19·7	5·5	24·4	1·7	85	79	104	70	20	133	28	—	—
September	14·4	9·1	18·0	3·8	21·7	0·6	85	80	121	49	21	111	29	—	—
October	11·7	7·0	15·7	0·6	19·4	−4·4	87	80	142	35	24	76	24	—	—
November	9·1	4·8	12·5	−1·2	15·0	−7·8	88	84	131	26	23	45	19	—	—
December	7·3	3·6	11·7	−2·6	16·1	−10·6	88	86	149	37	25	26	13	—	—
Year	11·0	6·0	22·0*	−6·0*	25·0	−12·2	85	80	1297	70	252	1234	27	—	—
No. of years	30	30	30	30	30	30	16	16	30	30	30	30	30	—	—

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*Average of highest/lowest each year

UNITED KINGDOM

Strathy 58° 31′N 4° 01′W 37 m

Scotland

Period 1938–41 1945–60 Bibliography 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·2	−0·8	10·3	−8·2	12·8	−14·4	—	—	104	39	24	33	15	—	—
February	5·7	−0·9	10·8	−8·7	15·0	−15·0	—	—	75	32	21	61	23	—	—
March	8·3	0·8	15·2	−6·1	21·7	−14·4	—	—	60	28	19	106	29	—	—
April	10·7	2·4	16·5	−2·9	21·1	−5·6	—	—	62	44	20	133	31	—	—
May	13·8	4·8	21·2	−0·9	26·7	−3·9	—	—	56	34	17	170	33	—	—
June	16·1	7·3	24·4	1·6	27·8	−1·7	—	—	55	25	17	166	31	—	—
July	16·9	9·2	23·2	4·4	30·0	1·7	—	—	93	76	21	124	23	—	—
August	17·1	8·9	23·1	3·3	30·0	1·1	—	—	93	40	21	130	27	—	—
September	15·3	7·7	21·2	1·7	25·0	1·1	—	—	80	43	21	103	27	—	—
October	12·3	5·3	17·6	−1·4	23·3	−7·2	—	—	89	31	22	78	24	—	—
November	9·0	2·6	13·3	−3·6	17·2	−11·7	—	—	103	26	24	39	17	—	—
December	6·4	0·9	11·3	−5·3	14·4	−10·6	—	—	104	26	24	25	13	—	—
Year	11·4	4·1	26·1*	−14·0*	30·0	−15·0	—	—	974	76	251	1168	26	—	—
No. of years	20	20	20	20	20	20	—	—	20	20	20	19	19	—	—

Tiree 56° 30′N 6° 53′W 9 m

Hebrides

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·0	3·5	10·5	−2·1	12·2	−6·7	84	81	117	39	23	40	17	—	—
February	7·2	3·2	10·2	−2·4	11·7	−6·7	83	77	77	33	19	74	28	—	—
March	8·5	4·0	11·9	−1·2	15·0	−6·1	83	76	67	39	17	116	32	—	—
April	10·3	5·2	13·7	0·4	17·8	−1·1	80	73	64	25	17	171	40	—	—
May	12·9	7·2	17·8	2·1	22·2	−0·5	78	72	55	32	15	234	46	—	—
June	14·9	9·6	20·1	5·2	25·6	2·2	82	76	70	34	16	203	38	—	—
July	16·1	11·2	20·0	7·4	26·1	6·1	85	80	91	49	20	162	30	—	—
August	16·3	11·4	19·6	7·3	24·4	6·1	85	79	90	52	18	164	35	—	—
September	14·9	10·3	18·0	5·4	21·1	1·7	84	79	118	75	20	127	33	—	—
October	12·3	8·4	15·4	2·7	18·3	0·6	84	79	129	59	23	82	25	—	—
November	9·7	6·1	12·6	0·7	14·4	−3·9	84	81	122	39	22	48	20	—	—
December	8·1	4·7	11·3	−0·8	13·9	−5·0	84	82	128	36	24	29	14	—	—
Year	11·5	7·1	22·5*	−4·0*	26·1	−6·7	83	78	1128	75	234	1450	32	—	—
No. of years	30	30	30	30	30	30	16	16	30	30	30	30	30	—	—

Wick 58° 27′N 3° 05′W 36 m

Scotland

Period 1931–60 Bibliography 61, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·3	1·4	10·2	−5·7	12·8	−11·1	84	82	85	30	22	47	21	—	—
February	5·8	1·3	10·4	−5·5	14·4	−12·8	85	79	58	32	19	79	30	—	—
March	7·2	2·3	12·6	−3·8	16·7	−10·0	83	77	50	24	18	109	30	—	—
April	9·3	3·4	14·3	−2·1	18·9	−5·0	78	72	47	58	18	162	38	—	—
May	11·2	5·6	16·2	−0·3	20·6	−3·9	81	72	44	28	15	181	35	—	—
June	13·8	7·9	19·9	2·4	26·7	−1·1	80	76	47	44	15	174	32	—	—
July	15·6	10·1	20·4	5·2	25·6	1·7	83	79	72	49	17	146	27	—	—
August	15·4	10·0	20·0	3·6	25·6	1·7	84	80	68	34	17	140	30	—	—
September	14·2	8·7	18·6	2·3	23·9	−1·1	83	78	64	25	19	122	32	—	—
October	11·4	6·6	16·0	−0·1	18·3	−6·1	84	79	78	28	21	86	27	—	—
November	8·5	4·3	12·8	−1·8	16·7	−7·8	86	83	80	24	22	51	21	—	—
December	6·5	2·8	11·1	−4·0	13·9	−9·4	85	84	78	27	22	35	17	—	—
Year	10·4	5·4	21·7*	−7·9*	26·7	−12·8	83	78	771	58	225	1332	29	—	—
No. of years	30	30	30	30	30	30	16	16	30	30	30	16	16	—	—

*Average of highest/lowest each year

UNITED KINGDOM

Aberporth 52° 08′N 4° 34′W 133 m

Wales

Period 1941–60 Bibliography 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·1	3·3	11·4	−3·4	12·8	−8·3	87	83	97	42	19	57	22	7·8	11
February	7·2	2·4	11·9	−3·8	15·0	−8·9	87	80	66	27	15	79	28	9·9	7
March	9·7	3·8	15·9	−2·4	20·6	−10·0	83	74	63	31	14	136	37	11·6	6
April	11·7	5·4	17·2	0·5	22·2	−2 2	81	75	53	27	13	179	43	13·8	2
May	14·2	7·6	21·2	2·6	25·6	0·6	80	75	67	29	13	222	46	15·1	2
June	16·3	10·2	22·5	6·1	29·4	3·9	83	77	55	29	14	222	44	15·7	1
July	17·9	11·9	23·9	8·3	31·1	6·1	85	79	71	90	15	190	38	15·2	1
August	18·1	12·5	22·9	8·2	30·6	4·4	85	79	85	31	17	178	39	13·9	2
September	16·6	11·3	21·7	6·4	25·0	3·3	84	77	102	45	18	132	35	12·1	3
October	13·7	8·7	18·2	2·6	25·0	−0·6	85	79	102	46	17	102	31	10·5	4
November	10·4	6·0	13·7	−0·2	15·0	−3·3	86	81	119	35	19	60	23	8·3	9
December	8·2	4·6	13·6	−1·4	14·4	−5·0	86	83	110	45	21	48	20	7·5	11
Year	12·6	7·3	26·3*	−5·6*	31·1	−10·0	84	79	990	90	195	1605	36	15·7	59
No. of years	20	20	20	20	20	20	16	16	20	20	20	20	20	20	20

Aberystwyth 52° 25′N 4° 03′W 138 m

Wales

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·9	2·1	11·2	−4·0	13·9	−11·1	—	—	97	37	21	55	21	8·0	11
February	6·8	1·8	11·2	−3·7	15·0	−8·9	—	—	72	33	17	75	27	9·8	8
March	9·3	3·1	14·8	−2·7	20·0	−6·7	—	—	60	41	16	125	34	11·8	6
April	11·3	4·8	17·0	0·1	22·8	−2·8	—	—	56	30	16	158	38	14·1	3
May	14·5	7·3	21·1	2·1	25·6	−1·1	—	—	65	34	16	197	41	15·3	2
June	16·8	10·2	24·1	5·7	30·6	3·9	—	—	76	41	16	195	39	16·0	3
July	17·8	12·0	23·7	8·0	31·1	6·1	—	—	99	52	19	156	31	15·7	3
August	18·1	12·2	23·8	7·8	29·4	5·0	—	—	93	37	18	164	36	14·5	3
September	16·4	10·6	21·6	5·4	25·6	2·2	—	—	108	41	19	128	34	12·9	3
October	13·4	7·9	17·6	1·9	25·0	−2·2	—	—	118	38	20	98	30	10·4	6
November	10·0	5·2	14·1	−0·1	17·2	−2·8	—	—	111	38	20	57	21	9·0	9
December	8·1	3·5	11·8	−1·7	15·0	−5·6	—	—	96	36	22	47	19	7·6	12
Year	12·5	6·7	26·8*	−5·7*	31·1	−11·1	—	—	1051	52	220	1455	32	16·0	69
No. of years	30	30	30	30	30	30	—	—	30	30	30	30	30	30	30

Blaenau Ffestiniog 52° 59′N 3° 56′W 229 m

Wale

Period 1955–65 Bibliography 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·1	1·1	10·6	−5·0	13·9	−7·8	—	—	252	102	22	44	17	7·1	13
February	6·2	0·7	11·1	−4·4	14·4	−8·9	—	—	155	53	19	59	21	8·2	11
March	8·3	2·7	14·4	−2·2	22·2	−5·6	—	—	129	60	17	84	23	10·2	9
April	10·8	4·4	17·2	0·0	20·0	−1·7	—	—	144	66	18	97	23	12·0	5
May	14·2	7·0	21·7	2·2	24·4	−4·4	—	—	133	47	16	155	32	13·5	5
June	16·6	9·6	22·8	5·6	26·1	3·3	—	—	130	41	17	157	31	14·0	4
July	17·2	10·8	22·2	7·2	26·1	3·9	—	—	206	65	20	114	23	13·9	4
August	16·8	10·8	22·2	7·2	26·1	4·4	—	—	210	97	22	100	22	13·0	6
September	16·6	10·2	22·8	5·6	28·9	4·4	—	—	223	63	19	99	26	11·0	6
October	13·4	7·9	18·3	3·3	24·4	0·6	—	—	261	97	21	73	22	8·4	9
November	9·3	4·6	13·9	−0·6	16·1	−1·7	—	—	214	62	21	37	14	7·5	14
December	6·9	2·2	11·7	−3·3	14·4	−6·1	—	—	285	131	23	45	19	6·7	15
Year	11·9	6·0	25·0*	−5·6*	28·9	−8·9	—	—	2342	131	235	1064	24	14·0	101
No. of years	10	10	10	10	10	10	—	—	10	10	10	8	8	8	8

*Average of highest/lowest each year

UNITED KINGDOM

Cardiff 51° 30′N 3° 10′W 62 m

Wales

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·0	1·8	11·7	−4·6	15·0	−16·7	89	—	108	51	18	54	20	7·7	13
February	7·4	1·8	12·6	−3·4	16·1	−9·4	87	—	72	27	14	76	27	10·2	9
March	10·1	3·1	15·6	−2·4	20·0	−7·8	82	—	63	34	13	123	33	11·1	6
April	13·1	5·1	18·9	0·2	23·9	−2·8	74	—	65	37	13	169	41	13·8	3
May	16·2	7·6	22·8	2·6	28·9	−0·5	74	—	76	106	13	197	41	15·2	3
June	19·2	10·8	25·9	6·4	30·6	3·9	73	—	63	43	13	207	42	15·4	2
July	20·3	12·4	26·0	8·3	31·1	6·7	76	—	89	55	14	191	38	14·7	2
August	20·5	12·5	25·7	8·2	32·8	6·1	78	—	97	50	15	187	42	14·0	2
September	18·0	10·6	23·6	5·2	28·3	1·7	81	—	99	59	16	140	37	12·0	4
October	14·2	7·6	18·9	1·3	25·0	−3·3	85	—	109	54	16	104	31	10·4	5
November	10·3	4·9	14·7	−0·7	18·3	−3·3	88	—	116	41	17	58	22	8·0	11
December	8·0	3·0	12·3	−2·7	15·0	−7·2	89	—	108	48	18	47	19	7·0	14
Year	13·7	6·8	28·4*	−6·0*	32·8	−16·7	81	—	1065	106	180	1553	35	15·4	74
No. of years	30	30	30	30	30	30	30	—	30	30	30	30	30	30	30

Colwyn Bay 53° 16′N 3° 44′W 36 m

Wales

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·7	2·7	13·3	−3·3	15·6	−11·1	—	—	79	37	18	50	20	7·5	11
February	7·8	2·6	13·3	−3·3	16·1	−8·9	—	—	57	37	15	68	25	9·3	7
March	10·0	3·7	15·6	−1·7	20·6	−6·7	—	—	46	39	13	122	33	11·5	6
April	12·0	5·5	17·8	0·0	25·6	−2·2	—	—	43	40	13	166	40	13·7	3
May	14·9	7·7	21·1	2·8	25·6	1·1	—	—	49	33	13	209	43	15·4	2
June	17·7	10·7	23·9	6·1	31·1	3·9	—	—	51	34	14	211	42	15·8	2
July	19·1	12·7	24·4	8·9	31·1	7·2	—	—	55	38	15	179	35	15·9	2
August	19·2	12·7	23·9	8·3	29·4	6·1	—	—	64	58	15	170	37	14·8	3
September	17·4	11·2	22·8	6·1	26·7	2·8	—	—	72	44	16	131	34	12·3	3
October	14·0	8·4	18·9	2·8	25·6	−0·6	—	—	78	40	16	95	29	10·3	6
November	10·8	5·8	15·6	0·6	20·0	−3·9	—	—	78	37	18	51	20	8·3	10
December	8·8	4·1	13·3	−1·7	16·7	−4·4	—	—	73	40	20	39	16	6·5	12
Year	13·3	7·3	27·2*	−5·0*	31·1	−11·1	—	—	745	58	186	1491	33	15·9	67
No. of years	30	30	30	30	30	30	—	—	30	30	30	30	30	30	30

Haverfordwest 51° 48′N 4° 58′W 40 m

Wales

Period 1931–60 Bibliography 61, 62, 63, 64	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·8	2·6	11·6	−4·5	13·9	−12·8	—	—	129	50	20	58	22	8·0	14
February	7·9	2·2	11·4	−4·2	13·9	−9·4	—	—	84	40	16	76	27	9·9	9
March	9·9	3·2	14·9	−3·3	20·0	−10·0	—	—	74	35	16	127	35	11·3	7
April	12·3	4·9	17·7	−0·5	23·3	−3·9	—	—	63	36	14	177	43	13·6	3
May	15·2	7·2	21·2	1·8	27·2	−2·8	—	—	71	33	15	212	44	14·9	3
June	17·8	10·1	23·9	5·7	28·9	1·1	—	—	67	82	13	210	42	15·8	3
July	19·0	11·9	24·0	7·4	31·7	5·0	—	—	91	49	16	182	36	15·3	3
August	19·3	11·9	24·3	6·6	29·4	3·3	—	—	88	43	16	182	40	14·1	3
September	17·3	10·3	21·6	4·1	26·7	0·0	—	—	104	52	16	139	36	12·3	4
October	14·0	7·5	17·4	0·7	23·9	−4·4	—	—	118	56	19	97	29	10·5	6
November	10·8	5·2	14·1	−1·5	15·6	−5·6	—	—	143	55	20	58	22	11·1	11
December	8·9	3·6	12·3	−3·1	13·9	−7·2	—	—	128	58	22	48	20	7·3	13
Year	13·4	6·7	26·4*	−6·7*	31·7	−12·8	—	—	1160	82	203	1566	35	15·8	79
No. of years	30	30	30	30	30	30	—	—	30	30	30	30	30	30	30

*Average of highest/lowest each year

UNITED KINGDOM

Llandrindod Wells 52°14′N 3°22′W 235 m Wales

Period 1935–40 1946–60	Temperature						Relative humidity		Precipitation			Bright sunshine			
Bibliography 64	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						per cent		millimetres			hours		hours	
January	5·6	0·0	11·1	−8·7	13·3	−21·7	—	—	115	42	19	36	14	7·5	15
February	5·9	−0·1	11·4	−7·4	15·6	−16·1	—	—	82	33	16	64	23	9·1	8
March	9·2	1·6	14·9	−5·6	20·6	−13·3	—	—	70	47	15	106	29	11·4	7
April	12·3	2·9	18·8	−2·6	23·3	−5·6	—	—	60	28	13	156	37	13·5	3
May	15·8	5·7	22·8	−0·1	26·7	−2·8	—	—	57	25	13	182	37	14·9	2
June	18·5	8·6	25·2	2·9	28·9	0·0	—	—	71	60	14	174	35	15·3	3
July	19·5	10·6	24·9	4·3	29·4	2·2	—	—	79	40	16	154	31	15·7	3
August	19·8	10·3	24·9	4·1	30·6	0·0	—	—	73	23	15	160	35	13·9	3
September	16·8	8·6	22·4	1·2	26·1	−2·2	—	—	97	39	16	114	30	12·2	3
October	13·1	5·6	18·6	−2·6	23·3	−6·7	—	—	91	41	15	84	25	9·9	7
November	9·1	3·2	13·8	−4·3	17·8	−7·8	—	—	117	36	19	45	17	7·5	12
December	6·3	1·5	11·4	−6·3	14·4	−9·4	—	—	110	58	20	34	14	6·5	15
Year	12·7	4·9	27·4*	−10·7*	30·6	−21·7	—	—	1122	60	191	1309	29	15·7	81
No. of years	18	20	17	19	17	19	—	—	19	19	19	20	20	20	20

Swansea 51°37′N 3°55′W 8 m Wales

Period 1931–60	Temperature						Relative humidity		Precipitation			Bright sunshine			
Bibliography 61, 62, 63, 64	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						per cent		millimetres			hours		hours	
January	7·7	2·8	11·4	−2·6	13·9	−10·0	—	—	124	54	19	54	21	7·9	13
February	7·9	2·7	11·6	−2·6	14·4	−7·8	—	—	82	31	16	76	27	9·4	8
March	10·2	4·1	14·8	−1·6	19·4	−6·7	—	—	70	43	14	123	34	11·0	6
April	12·9	6·1	17·9	1·4	22·2	−1·7	—	—	68	40	14	168	40	13·3	3
May	16·0	8·8	22·2	3·7	27·8	0·6	—	—	72	46	14	200	41	14·6	2
June	18·9	11·8	24·9	7·7	29·4	2·8	—	—	69	56	13	206	41	15·2	3
July	20·0	13·5	24·7	9·6	31·1	5·6	—	—	94	47	16	183	36	15·0	3
August	20·3	13·6	25·1	9·1	30·6	5·6	—	—	96	49	16	182	40	14·5	2
September	18·1	11·9	22·7	6·6	25·6	2·8	—	—	103	50	16	137	36	11·7	3
October	14·6	9·0	18·6	3·1	23·9	−1·7	—	—	117	61	17	101	30	9·9	5
November	11·0	6·2	14·4	0·6	16·1	−2·2	—	—	134	48	18	58	22	9·0	10
December	8·9	4·2	12·3	−1·1	13·9	−5·6	—	—	121	46	20	46	19	7·0	13
Year	13·9	7·9	27·2*	−4·4*	31·1	−10·0	—	—	1150	61	193	1534	34	15·2	71
No. of years	30	30	30	29	30	29	—	—	30	30	30	30	30	30	30

Valley 53°16′N 4°32′W 10 m Wales

Period 1931–60	Temperature						Relative humidity		Precipitation			Bright sunshine			
Bibliography 61, 62, 63, 64	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·25 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						per cent		millimetres			hours		hours	
January	7·4	3·7	11·1	−2·8	13·9	−12·2	85	83	97	40	18	58	23	7·8	11
February	7·4	3·3	11·1	−2·8	16·1	−12·2	88	81	61	36	16	79	28	9·6	8
March	9·5	4·0	15·0	−1·7	20·6	−8·3	84	74	50	31	14	128	35	11·4	6
April	11·3	5·6	16·7	1·1	21·7	−2·2	81	73	43	32	14	178	43	13·6	3
May	14·2	7·8	20·6	2·8	26·7	0·0	79	71	55	34	13	223	46	14·9	2
June	16·5	10·5	22·8	6·7	30·6	2·8	81	74	56	34	13	221	44	15·7	2
July	18·0	12·3	23·3	8·3	32·8	3·9	83	76	61	41	15	187	37	16·0	2
August	18·4	12·6	22·8	8·3	29·4	5·6	84	77	68	44	15	183	40	14·3	3
September	16·8	11·6	21·7	6·1	26·1	2·8	84	77	84	38	17	139	36	12·1	3
October	13·8	9·1	17·8	2·8	25·0	−1·1	85	78	93	45	17	102	31	10·2	6
November	10·7	6·7	14·4	0·6	17·8	−3·9	87	81	97	34	19	59	22	8·2	9
December	8·7	5·2	12·2	0·5	13·9	−3·9	87	84	96	36	20	43	18	7·3	12
Year	12·7	7·7	25·6*	−4·4*	32·8	−12·2	84	77	861	45	191	1600	36	16·0	67
No. of years	30	30	30	30	30	30	16	16	30	30	30	30	30	30	30

*Average of highest/lowest each year

U.S.S.R.

Leninakan 40° 47′N 43° 50′E 1529 m — Armenian S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−3·7	−13·6	2·8	−23·8	6·5	−29·5	85	73	25	14	15	89	30	9	10
February	−1·7	−13·1	5·7	−24·9	12·6	−32·8	86	65	27	21	14	135	45	10	7
March	4·2	−5·6	12·0	−17·1	15·4	−20·7	77	60	36	24	13	159	43	11	7
April	12·0	−0·5	19·7	−6·2	22·4	−12·4	67	50	61	29	15	170	43	13	4
May	18·2	5·6	24·5	−1·2	27·7	−7·6	63	50	81	30	18	232	52	14	1
June	22·1	8·1	27·9	1·4	30·3	−3·6	60	44	71	34	16	313	69	15	0
July	25·6	12·8	31·5	7·4	34·7	5·1	55	41	62	39	10	370	81	14	0
August	26·2	12·4	30·6	6·8	32·7	4·5	55	38	35	21	9	343	80	14	0
September	22·3	7·4	28·4	1·2	30·2	−3·7	65	40	37	28	9	250	67	12	1
October	16·1	1·4	23·5	−6·1	26·4	−9·5	73	45	39	29	9	214	62	11	4
November	9·2	−2·3	15·4	−10·3	18·4	−13·6	85	57	26	22	9	146	49	10	5
December	1·5	−8·5	8·8	−20·9	10·5	−29·5	90	70	33	32	12	94	33	9	10
Year	12·7	0·3	32·1*	−27·1*	34·7	−32·8	72	53	533	39	149	2515	56	15	49
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Yerevan 40° 08′N 44° 28′E 907 m — Armenian S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·2	−7·5	7·7	−15·1	14·8	−22·2	80	63	26	17	9	—	—	—	—
February	3·3	−4·9	10·8	−13·1	17·6	−20·7	80	59	27	18	9	—	—	—	—
March	12·2	1·2	19·2	−6·0	23·1	−10·2	65	45	34	23	9	—	—	—	—
April	17·8	6·7	24·7	0·6	27·5	−5·3	59	41	49	19	13	—	—	—	—
May	24·4	11·3	30·7	5·7	34·1	1·9	60	41	52	25	13	—	—	—	—
June	29·1	14·4	34·6	8·6	36·8	3·8	50	31	26	24	9	—	—	—	—
July	31·8	18·5	38·2	14·3	40·4	12·6	47	28	8	9	3	—	—	—	—
August	32·7	17·9	36·5	14·5	38·3	13·3	47	28	11	21	4	—	—	—	—
September	27·8	13·1	33·2	8·9	34·2	5·0	53	33	15	22	5	—	—	—	—
October	20·5	7·7	26·7	2·4	30·5	−3·8	62	40	22	17	8	—	—	—	—
November	13·2	2·5	19·2	−2·2	22·3	−5·8	78	52	23	24	5	—	—	—	—
December	5·9	−1·8	12·8	−7·9	15·7	−13·5	86	65	29	22	9	—	—	—	—
Year	18·3	6·6	38·3*	−17·6*	40·4	−22·2	64	44	322	25	96	—	—	—	—
No. of years	8	8	8	8	8	8	4	4	8	8	8	—	—	—	—

Kirovabad 40° 43′N 46° 25′E 303 m — Azerbaijan S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·8	−1·4	14·5	−7·1	20·5	−14·7	77	63	12	7	8	109	37	9	9
February	8·1	−0·8	17·2	−6·8	22·1	−13·3	78	60	14	23	6	115	38	10	7
March	12·7	2·6	20·5	−4·3	25·0	−9·9	77	58	17	14	8	130	35	11	6
April	17·3	7·1	25·7	2·0	28·9	−3·1	75	54	39	27	11	161	40	12	5
May	24·5	12·7	31·1	8·5	34·4	5·2	65	46	38	21	11	228	51	16	1
June	28·4	16·2	34·6	10·8	36·6	6·8	60	41	51	71	11	284	63	14	1
July	30·9	19·2	35·7	15·2	38·5	13·6	59	40	26	27	6	286	62	14	1
August	30·3	18·9	34·7	14·7	37·4	13·9	61	39	17	21	6	271	63	13	1
September	25·8	15·1	31·3	10·3	33·3	5·6	67	48	25	19	7	202	54	12	1
October	19·4	9·7	26·6	3·3	28·8	−1·3	75	57	26	35	8	161	47	10	3
November	13·9	4·9	21·9	−0·8	25·4	−3·8	78	64	11	12	6	114	38	10	8
December	9·5	1·2	19·2	−4·7	23·3	−9·0	83	69	18	15	7	97	34	9	10
Year	19·0	8·8	36·1*	−8·9*	38·5	−14·7	71	53	294	71	95	2158	48	16	53
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

*Average of highest/lowest each year

U.S.S.R.

Brest 52° 07′N 23° 41′E 144 m

Byelorussian S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−3·3	−9·3	3·3	−21·5	6·7	−29·2	88	81	37	15	20	50	19	8	17
February	−1·3	−7·9	5·1	−20·9	12·9	−25·4	89	78	46	13	19	61	22	11	14
March	3·0	−4·1	11·1	−14·1	22·6	−20·8	87	67	36	16	14	139	38	11	6
April	12·9	3·5	24·2	−2·9	28·1	−6·2	84	59	42	16	13	160	38	13	7
May	18·9	8·4	27·0	2·0	29·7	−2·3	77	55	62	31	15	236	49	16	2
June	22·8	11·6	30·0	5·4	33·0	2·4	75	55	64	39	12	290	58	16	1
July	24·2	12·9	30·9	7·7	35·0	6·4	77	52	68	46	12	287	57	15	1
August	22·9	12·0	30·0	6·7	34·9	1·3	83	55	72	62	12	251	55	14	3
September	19·5	8·9	27·9	2·4	29·7	−2·6	87	56	39	26	11	185	49	12	3
October	13·0	4·6	21·5	−3·4	26·4	−5·6	92	70	41	30	13	119	36	10	9
November	5·7	0·8	14·3	−7·7	18·7	−19·2	91	81	54	16	19	48	18	10	17
December	−1·3	−6·2	4·4	−18·0	9·3	−25·1	89	84	42	15	18	40	16	8	19
Year	11·4	2·9	31·3*	−23·8*	35·0	−29·2	85	66	603	62	178	1866	42	16	99
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Minsk 53° 52′N 27° 32′E 234 m

Byelorussian S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−7·2	−13·3	0·2	−26·6	2·7	−37·5	86	81	31	16	19	61	25	7	15
February	−4·0	−10·9	2·0	−23·1	5·0	−26·6	88	76	39	23	17	61	22	10	13
March	0·6	−6·9	7·5	−19·9	18·6	−30·5	87	71	39	13	15	127	35	12	10
April	10·5	1·9	20·6	−5·1	24·6	−11·1	82	62	39	18	13	148	35	14	7
May	18·0	7·6	26·1	0·6	27·3	−3·0	73	53	83	62	15	240	49	15	3
June	21·5	10·8	28·7	5·0	32·5	0·3	69	50	63	37	12	296	58	16	1
July	22·7	12·3	28·8	7·3	32·3	4·3	73	52	63	34	12	292	57	16	1
August	21·6	11·7	29·0	6·0	33·7	1·7	80	56	82	48	13	242	52	14	1
September	17·3	7·9	25·6	0·2	28·1	−3·1	83	55	45	23	11	194	51	12	2
October	10·5	3·8	18·1	−4·7	23·5	−8·5	92	76	44	27	15	91	28	10	11
November	3·3	−1·2	11·6	−11·6	13·4	−19·7	92	87	66	30	18	29	11	8	20
December	−3·1	−7·8	3·1	−19·7	6·2	−26·1	90	87	42	13	21	30	13	6	23
Year	9·3	1·3	30·1*	−28·7*	33·7	−37·5	83	67	636	62	181	1811	40	16	107
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Vasilevichi 52° 15′N 29° 50′E 140 m

Byelorussian S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−5·4	−12·4	1·9	−25·4	5·0	−29·8	84	79	40	11	19	47	18	7	21
February	−3·0	−10·4	3·5	−25·1	6·0	−33·5	85	73	35	15	17	68	24	10	13
March	1·8	−5·8	9·5	−18·4	21·5	−32·4	85	67	36	20	16	120	33	11	10
April	12·3	3·3	22·9	−3·2	27·1	−8·6	80	58	47	20	13	149	36	14	6
May	20·1	8·7	27·2	1·8	29·9	−2·0	70	49	58	32	14	259	53	15	2
June	23·2	11·2	30·5	5·7	34·7	3·0	71	52	58	33	12	295	59	16	1
July	24·1	12·6	30·6	7·5	33·8	5·5	75	55	84	42	13	299	59	15	2
August	23·3	12·0	30·8	6·3	35·1	−0·9	80	54	66	42	12	256	56	14	2
September	19·1	7·7	26·9	0·3	29·9	−2·2	81	52	26	14	10	197	52	12	3
October	12·1	3·9	20·7	−4·6	26·0	−8·0	89	67	34	21	11	104	31	10	10
November	4·4	−0·6	13·0	−10·3	15·7	−15·2	91	83	59	41	17	35	13	8	19
December	−2·3	−7·5	4·9	−19·9	11·4	−26·7	89	85	53	20	20	31	12	6	22
Year	10·8	1·9	31·3*	−28·0*	35·1	−33·5	82	65	596	42	174	1860	41	16	111
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

*Average of highest/lowest each year

U.S.S.R.

Pärnu 58° 23′N 24° 30′E 14 m — Estonian S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−4·6	−11·1	2·3	−24·0	3·8	−31·5	83	81	35	15	18	44	20	7	18
February	−3·8	−10·9	2·3	−22·5	4·5	−33·4	84	78	30	9	16	54	21	8	15
March	−0·2	−8·0	4·6	−18·6	6·1	−23·7	87	79	25	10	14	120	33	10	9
April	7·2	0·1	16·1	−6·8	18·9	−12·6	83	72	29	13	10	173	40	14	5
May	14·9	5·9	22·7	0·1	28·4	−2·0	81	71	46	23	12	208	40	17	4
June	20·0	10·8	25·9	4·2	27·9	1·7	73	61	35	20	9	311	57	17	1
July	20·9	12·8	26·9	8·3	29·3	6·4	81	67	57	29	12	295	54	16	1
August	20·1	12·5	26·7	6·8	30·7	2·6	83	67	65	31	15	258	54	15	1
September	15·9	9·3	23·0	2·2	27·6	−0·6	88	72	66	35	17	143	37	12	4
October	10·1	5·0	14·3	−1·9	16·3	−6·3	90	81	76	24	17	71	22	9	11
November	3·3	−0·8	9·0	−9·6	11·1	−15·9	90	85	56	16	18	27	11	7	18
December	−1·7	−6·7	3·8	−18·3	5·8	−24·0	87	85	40	11	18	20	10	6	23
Year	8·5	1·6	28·6*	−26·6*	30·7	−33·4	84	75	560	35	176	1724	38	17	110
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Tallinn 59° 25′N 24° 48′E 44 m — Estonian S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−4·1	−10·4	2·7	−22·6	4·6	−30·1	87	86	39	18	19	32	15	6	19
February	−4·0	−10·5	1·8	−22·5	3·3	−30·2	87	83	30	9	16	48	19	9	17
March	0·0	−7·3	5·4	−17·7	11·8	−24·6	89	77	21	12	13	132	36	11	7
April	7·5	−0·1	17·1	−6·9	21·4	−12·6	84	66	31	24	11	186	43	14	5
May	13·6	4·6	22·4	−1·0	27·4	−3·3	79	63	44	33	12	227	43	16	3
June	18·7	9·9	26·6	3·5	31·2	0·0	72	55	40	21	10	327	59	17	1
July	20·1	11·9	26·9	7·4	29·2	5·5	79	59	68	36	13	311	56	17	1
August	19·5	11·2	25·7	5·8	30·9	1·7	85	64	78	47	15	262	54	15	1
September	15·3	8·5	23·4	1·3	28·0	−2·6	87	69	71	26	16	145	37	11	6
October	9·7	4·4	15·2	−2·3	18·7	−7·3	89	79	68	25	17	71	22	9	13
November	3·1	−1·4	9·2	−11·0	11·4	−21·3	90	86	56	19	18	24	10	6	21
December	−1·4	−6·6	4·3	−17·8	7·4	−25·5	88	87	39	28	19	9	5	4	25
Year	8·2	1·2	28·6*	−25·6*	31·2	−30·2	85	73	585	47	179	1774	39	17	119
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Samtredia 42° 11′N 42° 22′E 26 m — Georgian S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	9·8	2·7	16·9	−3·4	21·8	−11·4	69	59	133	54	15	85	29	9	14
February	11·4	3·0	19·9	−2·9	24·6	−9·5	70	55	121	53	12	124	42	10	9
March	15·2	5·4	23·9	−1·0	26·5	−3·0	69	54	92	34	14	146	40	11	9
April	19·0	8·4	29·8	1·9	31·5	−2·9	66	51	77	31	13	184	46	13	8
May	24·4	13·0	33·6	7·3	35·6	5·5	66	51	56	32	11	226	50	14	4
June	27·3	16·2	34·3	11·6	39·5	7·6	69	56	147	61	12	251	55	14	3
July	28·1	19·2	34·9	15·1	41·1	12·6	76	63	74	65	12	218	47	14	4
August	28·4	19·0	34·1	14·8	37·2	11·9	78	65	110	73	12	230	53	13	3
September	26·2	15·7	33·1	9·6	36·3	5·8	76	59	143	92	10	199	53	12	2
October	21·9	11·1	29·1	5·0	32·4	0·6	75	56	152	67	12	194	53	11	4
November	17·9	8·2	26·2	2·0	29·5	−2·5	67	52	127	124	8	140	47	9	8
December	12·4	5·4	19·7	−0·3	21·6	−2·6	74	63	192	68	16	81	28	8	13
Year	20·2	10·6	36·9*	−4·9*	41·1	−11·4	71	57	1424	124	147	2068	46	14	81
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

*Average of highest/lowest each year

U.S.S.R.

Tbilisi (Tiflis) 41° 41′N 44° 57′E 490 m

Georgian S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						per cent		millimetres			hours		hours	
January	7·0	−0·9	14·1	−6·7	19·5	−12·9	79	60	17	15	6	79	27	8	11
February	8·5	−0·3	16·6	−5·7	22·4	−14·8	75	53	15	13	7	109	36	9	7
March	13·1	3·2	21·1	−2·4	24·2	−6·1	69	50	27	29	8	141	38	11	8
April	17·4	7·6	26·2	2·2	28·7	−3·8	66	49	61	49	13	156	39	12	7
May	23·9	12·4	30·1	7·2	32·4	3·1	61	47	75	75	12	205	46	14	3
June	27·7	15·9	33·4	11·3	35·1	6·3	57	42	54	29	11	265	59	14	1
July	30·5	19·2	35·9	14·7	39·6	12·1	57	40	46	31	8	277	60	14	1
August	30·0	18·5	34·7	14·9	37·0	14·0	60	42	46	49	9	249	58	13	2
September	25·6	14·8	31·9	9·8	35·5	5·1	66	49	45	26	8	198	53	11	3
October	19·8	9·5	26·7	1·9	29·4	−2·4	71	53	30	24	7	174	50	10	4
November	13·9	5·0	21·4	−1·0	22·9	−4·1	78	60	27	18	7	95	32	9	11
December	9·1	1·1	16·6	−5·2	22·4	−10·5	80	65	19	20	7	79	27	7	11
Year	18·9	8·8	36·5*	−8·7*	39·6	−14·8	68	51	462	75	103	2027	45	14	69
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Aktyubinsk 50° 17′N 57° 09′E 226 m

Kazakh S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min	1000	1600							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−10·1	−18·6	−1·2	−33·2	2·1	−40·5	76	70	18	17	12	97	36	8	10
February	−8·7	−19·0	0·5	−30·6	4·6	−36·6	75	69	14	11	9	121	43	10	9
March	−1·1	−9·6	5·8	−24·0	11·0	−32·1	78	71	22	13	10	172	47	12	6
April	12·3	0·2	24·0	−9·4	30·1	−18·2	54	41	15	24	6	242	59	13	1
May	22·6	8·4	29·9	−0·8	34·2	−7·6	39	29	27	25	10	287	60	15	1
June	26·8	12·9	36·7	4·7	39·9	3·3	44	34	29	20	11	287	59	16	1
July	29·1	15·8	36·7	9·5	39·7	6·8	45	34	33	26	10	303	61	15	1
August	27·2	13·0	35·1	5·0	38·4	3·3	39	29	24	28	6	296	66	14	1
September	21·0	7·0	30·3	−1·6	32·1	−3·9	47	35	22	17	6	242	64	13	1
October	9·9	−0·4	19·4	−9·8	21·8	−18·0	67	54	29	15	10	154	46	11	6
November	1·5	−5·6	8·7	−14·9	12·3	−18·8	80	69	19	9	10	107	39	9	10
December	−7·0	−15·1	1·8	−26·9	3·6	−32·0	77	74	17	19	10	79	31	7	12
Year	10·3	−0·9	38·1*	−33·9*	39·9	−40·5	60	51	269	28	110	2387	53	16	59
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Gur′yev 47° 07′N 51° 51′E Height not known

Kazakh S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1530							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−4·3	−11·9	2·8	−25·3	5·7	−34·8	82	74	12	7	8	83	30	8	12
February	−2·9	−11·7	4·9	−23·3	13·2	−33·7	79	69	11	12	6	107	37	9	9
March	4·9	−4·0	14·5	−16·5	17·7	−25·8	75	57	15	12	7	157	43	12	6
April	16·9	4·1	26·1	−3·7	30·3	−7·1	45	31	9	10	3	266	65	13	1
May	26·2	12·3	33·5	4·2	35·9	0·6	36	28	14	28	4	320	69	14	1
June	29·7	16·0	37·3	8·1	41·4	2·3	39	33	23	34	5	313	66	15	1
July	32·6	18·5	38·9	11·9	42·1	9·6	39	31	14	17	3	333	69	14	0
August	30·9	17·0	37·2	9·8	40·5	7·8	39	29	13	29	3	290	66	13	0
September	24·0	10·6	32·6	1·7	34·7	−1·6	49	35	11	13	3	264	70	12	1
October	14·3	3·2	22·2	−7·2	25·6	−14·0	65	47	12	21	5	198	58	11	1
November	6·4	−2·3	13·7	−10·5	16·1	−14·6	77	61	16	24	6	130	46	9	8
December	−1·4	−8·5	5·4	−20·0	8·2	−27·3	85	79	12	10	8	65	24	8	13
Year	14·8	3·6	39·4*	−27·0*	42·1	−34·8	59	48	162	34	61	2526	56	15	53
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

*Average of highest/lowest each year

U.S.S.R.

Kalmykovo 49° 03′N 51° 52′E 4 m

Kazakh S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1530							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−7·3	−15·6	0·9	−30·2	2·6	−38·0	81	77	14	11	11	92	34	8	14
February	−6·6	−15·9	2·5	−28·5	9·0	−36·9	81	76	10	11	8	121	42	11	10
March	1·6	−7·0	10·1	−20·8	17·5	−28·7	81	71	15	17	8	184	50	12	8
April	15·6	2·5	25·6	−5·9	29·5	−11·1	54	37	11	9	4	282	69	14	1
May	25·2	10·6	32·9	1·8	36·2	−1·8	43	32	16	18	5	338	71	15	1
June	28·9	14·9	37·2	6·2	41·4	1·4	44	33	36	47	7	316	65	15	1
July	31·7	17·1	39·3	9·5	44·7	7·8	43	31	14	13	6	261	53	15	1
August	30·0	15·9	37·4	8·9	40·8	6·4	43	31	28	76	5	275	62	14	3
September	23·4	9·3	32·3	0·4	34·0	−2·1	52	37	14	17	5	255	67	13	1
October	12·8	1·9	21·2	−7·5	23·9	−12·8	68	48	28	31	8	199	59	11	4
November	4·6	−3·3	12·0	−12·5	15·9	−21·3	86	65	24	12	8	121	44	10	9
December	−3·9	−11·5	3·9	−24·0	7·4	−32·9	83	77	17	17	9	92	36	8	12
Year	13·0	1·6	40·1*	−31·5*	44·7	−38·0	63	51	227	76	84	2536	57	15	65
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Uil 49° 04′N 54° 41′E 89 m

Kazakh S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1530							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−8·1	−16·5	0·1	−29·8	2·9	−37·4	79	75	23	14	13	102	38	8	9
February	−7·2	−17·0	1·1	−30·0	7·3	−37·1	79	74	16	17	8	131	46	10	7
March	0·9	−7·5	9·5	−22·5	14·8	−31·3	79	70	22	21	8	165	45	12	7
April	15·0	2·1	25·2	−7·1	29·4	−13·8	48	35	11	10	5	270	66	13	1
May	24·3	10·1	32·5	1·5	35·8	−4·1	38	29	23	21	6	315	67	15	0
June	28·6	14·4	38·0	6·3	41·5	2·3	41	30	23	17	8	317	65	15	1
July	31·2	17·6	38·2	10·8	42·0	9·7	43	32	27	48	7	332	68	15	0
August	29·5	15·2	36·7	8·1	39·5	5·6	38	27	13	13	5	290	65	13	1
September	22·9	8·7	32·0	0·5	33·5	−4·0	48	33	24	26	5	268	71	13	1
October	11·9	1·0	20·7	−8·1	23·6	−15·0	67	52	30	20	9	175	52	11	5
November	3·8	−4·2	11·1	−14·0	13·8	−19·9	80	69	24	13	8	113	41	9	9
December	−4·8	−12·8	3·3	−25·0	7·8	−30·6	80	75	19	13	10	96	37	8	11
Year	12·3	0·9	39·5*	−31·8*	42·0	−37·4	60	50	255	48	92	2574	57	15	52
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Ural'sk 51° 15′N 51° 24′E 36 m

Kazakh S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1530							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−9·2	−17·8	0·1	−32·7	2·2	−40·8	77	74	28	19	13	92	35	8	10
February	−8·7	−18·7	0·3	−31·0	2·8	−39·8	79	74	21	19	11	137	49	10	8
March	−1·0	−9·1	7·3	−24·4	14·8	−31·1	81	75	26	19	12	163	44	12	7
April	13·5	1·3	24·1	−9·0	29·1	−19·1	58	40	23	33	5	254	61	14	2
May	23·0	9·0	31·1	0·7	35·4	−3·7	49	37	26	13	9	309	64	15	1
June	26·2	12·5	34·2	4·5	38·4	−0·7	50	37	30	19	10	313	63	16	1
July	29·1	15·5	36·2	8·1	41·2	5·5	53	42	48	58	10	323	65	15	1
August	27·9	13·3	35·4	5·9	39·2	3·3	49	36	15	11	7	301	67	14	1
September	22·0	7·5	30·7	2·0	32·7	−6·5	57	42	21	21	7	225	59	13	1
October	10·9	0·6	21·2	−9·7	24·6	−19·2	74	57	28	13	10	150	45	11	6
November	2·3	−4·6	9·5	−14·7	14·0	−25·5	85	75	36	15	11	87	32	9	13
December	−5·4	−13·1	2·9	−25·9	6·2	−31·6	79	75	30	17	12	84	34	8	10
Year	10·9	−0·3	37·1*	−33·1*	41·2	−40·8	66	55	332	58	117	2438	54	16	61
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

*Average of highest/lowest each year

Liepāja 56° 33′N 21° 01′E 8 m

Latvian S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−1·8	−7·7	3·8	−19·5	7·4	−29·3	84	81	39	11	18	37	16	7	17
February	−1·7	−8·1	3·1	−20·6	4·4	−30·5	84	79	34	10	16	61	23	9	13
March	1·5	−5·5	7·5	−15·7	14·8	−22·9	89	78	24	7	14	132	36	12	7
April	8·4	1·6	18·2	−3·8	24·5	−8·0	84	72	33	24	11	186	44	14	4
May	13·8	5·9	22·2	0·7	26·0	−2·4	83	71	41	21	14	226	45	16	3
June	18·6	10·5	26·2	5·3	30·3	2·2	75	65	34	26	9	343	65	17	0
July	19·8	12·9	27·2	8·8	30·5	7·4	80	69	52	23	11	328	62	16	1
August	19·9	12·9	28·1	7·8	30·4	4·6	82	67	90	59	15	275	59	15	1
September	16·8	10·3	24·4	4·8	30·0	0·7	83	69	77	87	16	181	47	12	1
October	11·6	6·5	16·6	−1·2	21·3	−3·9	86	77	53	14	16	97	30	10	8
November	5·3	0·9	11·7	−7·3	15·4	−17·5	86	80	65	21	19	47	19	7	15
December	0·8	−4·6	5·8	−15·6	8·1	−19·6	85	83	57	16	19	24	11	5	19
Year	9·4	3·0	29·1*	−24·3*	30·5	−30·5	83	74	599	87	178	1937	43	17	89
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Rīga 56° 58′N 24° 04′E 3 m

Latvian S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−3·8	−9·9	2·9	−22·5	4·1	−28·4	83	79	31	10	19	33	14	7	20
February	−2·9	−9·7	2·7	−22·3	4·6	−28·2	83	74	29	11	18	52	19	8	15
March	1·6	−6·6	8·5	−18·0	20·5	−22·8	85	69	27	9	16	132	36	11	7
April	10·2	1·0	20·3	−6·5	24·1	−11·1	81	61	33	17	13	172	40	14	5
May	16·1	5·6	24·5	−1·1	28·5	−4·9	77	59	44	18	13	225	44	16	4
June	20·8	9·4	27·4	1·9	32·2	−1·2	69	53	45	19	11	315	59	17	1
July	21·7	11·3	29·1	5·4	32·5	4·0	76	55	53	25	12	312	59	17	0
August	21·0	11·1	27·9	4·8	31·8	0·0	81	59	70	41	16	268	57	15	2
September	17·1	8·3	25·1	0·7	29·3	−0·9	84	64	64	15	17	167	43	12	3
October	11·1	4·2	17·7	−4·6	23·4	−7·0	88	75	62	19	19	83	26	10	9
November	3·9	−0·9	11·7	−10·8	17·2	−15·9	87	78	62	22	19	38	15	6	18
December	−1·5	−6·8	4·9	−18·6	7·1	−27·2	88	84	47	20	21	19	9	5	23
Year	9·6	1·4	29·9*	−26·0*	32·5	−28·4	82	67	567	41	194	1816	40	17	107
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Kaunas 54° 53′N 23° 53′E 75 m

Lithuanian S.S.R

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−4·0	−9·9	2·7	−22·0	4·7	−28·7	86	81	30	9	19	43	18	8	17
February	−2·8	−9·5	3·0	−22·1	7·5	−27·9	85	77	30	9	16	61	22	9	13
March	1·8	−5·5	8·5	−16·8	20·2	−25·6	89	72	32	20	15	143	39	12	6
April	11·0	2·1	21·4	−4·1	24·6	−7·1	85	62	38	17	12	151	36	14	6
May	17·5	7·0	24·9	0·2	28·1	−2·7	81	58	78	40	15	221	44	16	1
June	21·6	10·4	27·6	4·6	31·4	2·5	76	55	69	49	12	301	58	16	1
July	22·8	11·8	29·6	6·7	33·9	5·1	80	56	40	22	11	311	60	16	1
August	22·0	11·3	29·9	4·8	34·7	0·3	83	56	64	31	14	263	57	15	1
September	18·0	8·5	26·6	−0·2	28·8	−4·7	88	61	57	19	14	189	49	12	2
October	11·5	4·5	18·5	−4·1	23·7	−7·5	92	75	44	17	16	101	31	10	5
November	4·2	−0·2	12·0	−8·9	16·7	−14·3	90	82	61	24	16	46	18	8	17
December	−2·0	−6·8	4·1	−18·4	6·2	−27·0	89	85	46	18	19	33	15	6	21
Year	10·1	2·0	30·5*	−25·4*	34·7	−28·7	85	68	589	49	179	1863	41	16	91
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

*Average of highest/lowest each year

U.S.S.R.

Vilnius 54° 38′N 25° 17′E 189 m

Lithuanian S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−4·8	−10·7	2·0	−23·0	4·0	−28·2	87	84	30	9	20	—	—	—	—
February	−3·4	−10·0	2·7	−23·1	6·3	−28·9	87	79	39	9	17	—	—	—	—
March	1·2	−6·7	8·2	−19·0	19·5	−29·6	89	73	38	20	15	—	—	—	—
April	11·9	1·8	21·8	−5·1	24·8	−12·3	85	63	41	27	13	—	—	—	—
May	17·7	7·3	25·0	0·5	28·1	−2·3	80	59	85	41	17	—	—	—	—
June	21·3	10·8	27·3	5·2	30·2	3·3	75	56	67	38	12	—	—	—	—
July	22·5	12·1	29·5	7·2	34·5	5·2	80	56	51	20	11	—	—	—	—
August	21·6	11·5	29·6	5·8	34·3	1·0	83	57	97	52	13	—	—	—	—
September	17·4	8·1	26·1	0·4	28·6	−1·4	89	62	61	29	13	—	—	—	—
October	10·8	3·8	18·1	−4·8	23·6	−7·9	93	78	49	19	15	—	—	—	—
November	3·6	−0·8	11·8	−8·1	14·9	−15·5	91	85	65	22	17	—	—	—	—
December	−2·5	−7·3	3·5	−19·8	5·4	−26·3	91	88	39	18	21	—	—	—	—
Year	9·8	1·7	30·2*	−26·7*	34·5	−29·6	86	70	662	52	184	—	—	—	—
No. of years	8	8	8	8	8	8	4	4	8	8	8	—	—	—	—

Kishinëv 47° 01′N 28° 52′E 95 m

Moldavian S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−1·3	−7·6	7·5	−17·7	13·0	−29·2	83	76	56	28	15	52	19	8	18
February	1·2	−4·8	10·1	−16·0	18·6	−23·5	87	75	50	18	17	62	21	10	14
March	6·0	−1·5	17·6	−10·4	24·8	−15·1	82	62	42	21	12	131	36	12	7
April	16·1	5·5	25·3	−1·2	29·4	−5·9	67	41	35	26	9	210	52	13	5
May	22·9	11·3	30·3	5·3	34·4	0·9	64	41	34	24	10	267	57	14	1
June	25·7	14·2	32·4	9·3	34·5	6·4	67	47	68	43	12	283	60	15	1
July	27·4	15·9	33·4	11·5	36·3	10·1	68	48	65	42	10	288	60	14	1
August	27·2	15·3	32·7	9·8	35·3	5·5	73	46	38	53	7	284	64	14	1
September	23·0	11·1	30·7	4·4	35·6	1·9	75	47	45	39	7	219	58	12	2
October	17·0	6·6	24·8	−1·3	27·9	−3·6	84	52	22	36	6	185	55	10	4
November	9·9	2·7	19·3	−6·1	23·6	−13·9	87	71	39	39	12	58	21	9	15
December	1·7	−3·7	11·0	−13·4	15·8	−19·1	84	76	45	21	14	41	15	7	18
Year	14·7	5·4	34·5*	−20·4*	36·3	−29·2	77	57	539	53	131	2080	47	15	87
No. of years	8	8	8	8	8	8	8	4	8	8	8	4	4	4	4

Adamovka 51° 31′N 59° 57′E 285 m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	1000	1600							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−12·7	−21·2	3·4	−34·7	0·4	−41·8	77	75	22	16	11	100	39	8	9
February	−10·7	−21·4	−1·1	−32·1	3·9	−37·1	77	73	15	13	7	125	45	10	7
March	−3·0	−12·8	3·6	−26·7	9·1	−39·2	81	75	27	18	9	181	49	12	3
April	10·1	−1·9	21·7	−12·2	27·4	−24·4	59	51	17	16	6	242	58	13	2
May	21·1	6·3	29·2	−1·8	32·8	−8·7	45	37	29	19	8	283	58	15	1
June	25·0	10·9	34·7	2·8	38·5	1·0	49	41	54	34	11	294	59	15	1
July	27·7	14·1	35·0	7·9	39·0	4·6	51	42	46	57	9	297	59	15	0
August	25·1	10·7	33·6	2·6	38·6	1·1	43	33	25	34	7	312	69	14	1
September	19·4	5·5	29·0	−3·5	31·8	−5·9	51	40	26	19	7	215	56	13	3
October	8·1	−2·2	18·2	−11·7	22·0	−18·2	69	59	31	17	11	142	43	11	7
November	0·0	−7·6	7·0	−18·1	12·6	−22·8	80	71	23	14	9	91	34	9	11
December	−9·4	−18·0	0·5	−30·1	4·3	−37·3	81	80	23	11	10	71	29	7	11
Year	8·4	−3·1	36·5*	−35·9*	39·0	−41·8	64	56	338	57	105	2353	52	15	56
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

*Average of highest/lowest each year

U.S.S.R.

Aleksandrov Gay 50° 09′N 48° 33′E 25 m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−6·5	−15·6	1·3	−30·3	2·4	−37·3	81	79	32	17	15	77	29	8	14
February	−6·9	−16·4	0·6	−27·9	4·5	−36·1	83	79	27	18	11	124	44	9	9
March	−0·2	−7·8	9·1	−22·8	16·9	−28·6	86	78	18	9	13	137	37	11	9
April	13·9	2·4	23·6	−6·3	29·1	−13·1	58	39	16	16	6	248	60	14	2
May	23·6	9·9	31·5	2·1	35·9	−1·8	45	32	29	25	7	312	65	15	3
June	26·7	13·7	34·6	6·4	38·2	1·3	47	35	35	25	9	320	66	16	0
July	30·0	16·3	37·4	9·6	43·4	7·8	48	33	23	60	6	335	68	16	1
August	28·7	14·8	36·2	8·0	39·6	4·8	45	33	24	31	6	249	55	14	5
September	22·1	8·7	30·3	−0·2	32·4	−3·6	59	42	25	18	7	215	57	12	3
October	11·9	1·6	21·4	−8·2	25·0	−11·9	73	55	26	14	10	160	48	10	6
November	3·2	−3·3	10·9	−12·9	15·3	−18·7	88	78	33	15	11	80	29	9	13
December	−4·1	−11·0	3·3	−24·8	6·7	−31·1	84	79	30	12	13	73	29	7	14
Year	11·9	1·1	38·2*	−30·6*	43·4	−37·3	66	55	318	60	114	2330	52	16	79
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Arkhangel'sk (Archangel) 64° 35′N 40° 30′E 13 m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−12·3	−20·4	−1·5	−34·6	3·4	−39·6	82	81	31	21	21	13	8	5	25
February	−10·3	−17·7	−1·3	−30·0	2·3	−41·2	81	75	19	7	17	69	30	9	12
March	−3·8	−13·4	4·3	−27·1	8·7	−34·6	83	70	25	9	18	125	35	11	8
April	5·0	−4·3	13·7	−15·9	16·3	−21·9	74	60	29	13	12	178	39	15	5
May	11·6	1·9	20·4	−5·5	26·0	−9·5	65	55	42	23	11	231	41	19	3
June	17·1	6·4	26·2	−1·0	28·1	−3·1	63	53	52	45	14	305	48	20	1
July	20·0	10·1	28·5	2·4	30·9	0·3	71	58	62	34	15	278	45	18	1
August	18·5	9·7	26·8	0·8	31·1	−4·1	80	65	56	16	16	211	41	16	2
September	11·9	5·0	20·6	−2·3	26·3	−7·5	87	73	63	28	18	103	26	13	9
October	4·3	−0·6	11·2	−9·6	14·1	−19·9	88	83	63	13	22	39	13	11	16
November	−1·5	−6·5	5·3	−19·9	9·0	−36·5	90	88	47	14	22	5	3	4	26
December	−7·7	−14·6	0·8	−30·0	4·3	−40·4	83	83	41	19	24	1	1	2	30
Year	4·4	−3·7	29·1*	−36·3*	31·1	−41·2	79	70	530	45	210	1558	34	20	138
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Armavir 44° 59′N 41° 07′E 208 m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·6	−6·1	9·7	−19·6	15·6	−29·8	83	71	42	21	13	85	30	9	9
February	3·7	−4·6	15·1	−16·9	23·6	−27·4	82	64	33	18	10	130	44	10	6
March	9·5	−0·6	20·4	−12·5	24·2	−19·0	78	58	39	30	11	158	43	12	5
April	17·4	5·7	26·6	−0·8	29·9	−7·0	67	46	51	30	10	201	50	13	5
May	23·4	11·0	30·4	4·8	32·7	0·9	65	44	71	45	11	274	60	15	1
June	27·0	14·2	34·1	8·5	39·8	6·1	65	46	67	34	11	289	62	15	0
July	29·6	16·6	35·7	11·7	38·3	9·9	64	43	47	23	9	308	65	15	0
August	29·2	16·0	34·7	10·1	40·3	7·2	67	45	54	63	9	287	66	13	0
September	24·5	11·7	32·4	3·4	37·7	0·9	69	43	28	28	7	243	64	12	1
October	18·1	5·8	27·0	−4·1	29·1	−8·8	76	47	34	29	7	212	62	11	2
November	11·7	2·9	20·6	−4·7	23·5	−14·4	82	61	32	22	8	136	47	9	5
December	5·0	−2·0	13·9	−15·2	16·3	−28·0	87	77	43	27	13	72	26	8	11
Year	16·7	5·9	36·7*	−24·8*	40·3	−29·8	74	54	541	63	119	2395	54	15	45
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

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*Average of highest/lowest each year

U.S.S.R.

Astrakhan' 46° 16′N 48° 02′E 18 m — Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−2·0	−9·3	6·5	−21·5	12·8	−29·3	87	75	16	18	11	71	25	8	14
February	−0·6	−9·2	7·3	−20·7	14·4	−28·7	84	68	11	8	8	94	32	10	10
March	6·2	−2·7	15·6	−13·2	18·2	−21·6	79	56	14	15	9	159	43	12	6
April	16·8	4·3	25·9	−2·4	28·7	−5·5	52	35	14	18	5	245	60	13	2
May	25·3	11·9	32·1	4·5	33·7	0·3	45	31	16	19	5	300	65	14	1
June	28·6	16·2	35·0	10·4	37·8	6·1	51	37	19	43	6	306	65	14	1
July	31·3	18·4	36·6	13·5	39·0	11·1	48	35	10	12	4	329	69	14	0
August	30·1	16·7	36·1	10·9	38·9	6·1	51	37	25	42	5	282	64	13	1
September	24·0	11·4	31·5	3·9	33·2	0·6	60	40	22	39	5	253	67	12	1
October	15·5	4·7	22·9	−4·5	26·1	−9·0	72	50	16	17	6	195	57	11	3
November	7·9	0·1	15·1	−8·0	19·6	−11·6	85	69	16	18	9	86	30	9	12
December	1·0	−5·2	8·8	−17·0	10·8	−24·0	88	78	17	12	11	66	24	8	14
Year	15·3	4·8	37·4*	−24·3*	39·0	−29·3	67	51	196	43	84	2386	53	14	65
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Biser 58° 31′N 58° 51′E 464 m — Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	1000	1600							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−14·7	−22·0	−3·7	−34·7	1·1	−41·5	83	81	49	13	22	71	32	7	13
February	−11·7	−19·6	−2·7	−30·5	1·9	−39·7	81	74	39	17	16	110	42	9	8
March	−4·0	−13·2	4·4	−26·7	8·7	−36·9	79	65	43	12	19	145	40	12	7
April	6·2	−3·8	15·3	−15·0	22·6	−22·4	65	54	35	18	12	209	48	13	2
May	13·6	2·7	24·4	−5·7	29·3	−14·7	63	53	66	22	15	229	44	16	4
June	17·7	6·7	27·5	−1·5	32·6	−4·8	61	53	86	37	16	249	45	17	3
July	21·5	11·1	28·2	3·9	30·7	1·7	73	65	109	62	16	223	41	16	3
August	17·4	8·0	25·0	0·4	26·7	−2·1	74	65	104	51	17	222	46	14	4
September	11·6	3·4	22·7	−4·6	24·5	−6·9	77	67	61	26	17	140	36	13	5
October	1·6	−4·1	12·5	−17·2	15·5	−22·7	83	76	81	19	21	67	21	11	13
November	−5·1	−10·6	2·2	−24·5	4·4	−34·3	89	87	69	22	21	38	16	8	15
December	−11·5	−18·2	−1·4	−31·9	1·5	−40·6	83	82	63	20	23	53	27	6	17
Year	3·5	−5·0	29·2*	−37·9*	32·6	−41·5	76	69	805	62	215	1756	39	17	94
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Elista 46° 19′N 44° 18′E 178 m — Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−3·5	−9·4	5·3	−21·0	10·0	−28·6	92	86	39	15	18	58	21	8	19
February	−2·5	−8·9	6·7	−21·7	17·2	−29·4	89	83	24	22	13	79	27	9	14
March	3·9	−2·8	13·4	−13·5	18·0	−23·3	86	71	17	13	12	123	33	12	13
April	15·3	4·6	25·3	−1·7	28·0	−5·9	67	44	25	23	8	215	53	13	5
May	24·0	11·9	31·2	5·9	34·4	3·6	49	33	31	39	8	296	64	14	1
June	27·7	15·6	34·6	9·0	38·3	3·3	53	37	50	39	10	279	59	15	1
July	31·1	18·3	37·8	13·5	40·6	11·4	44	29	27	35	7	322	68	14	1
August	29·7	17·0	35·6	10·7	38·0	5·1	51	33	32	44	7	285	65	14	1
September	23·8	11·9	31·6	3·9	36·4	2·2	59	39	31	25	6	243	64	13	1
October	15·0	5·0	23·7	−4·1	26·8	−8·9	77	52	22	19	7	178	52	11	6
November	7·1	0·4	15·5	−10·3	18·7	−16·5	91	74	20	13	11	73	26	9	16
December	0·3	−4·8	8·1	−18·2	11·6	−24·5	93	91	37	14	19	25	9	7	23
Year	14·3	4·9	38·2*	−24·1*	40·6	−29·4	71	56	355	44	126	2176	49	15	101
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

*Average of highest/lowest each year

U.S.S.R.

Gor'kiy 56° 13′N 43° 49′E 82 m — Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−10·5	−17·0	−1·1	−30·2	1·5	−34·2	78	75	34	10	19	43	18	6	18
February	−7·7	−14·8	0·3	−26·0	2·6	−32·9	78	67	29	17	16	113	42	9	8
March	−1·5	−8·5	5·2	−19·0	11·8	−28·0	80	67	25	17	15	143	39	12	9
April	9·8	1·3	19·1	−7·3	23·1	−19·4	71	56	23	11	11	193	45	14	2
May	18·3	8·4	27·4	1·3	31·9	−3·3	58	43	52	20	13	286	57	16	2
June	20·7	11·1	27·3	3·1	30·1	−0·2	63	49	59	26	13	304	58	17	2
July	22·9	13·8	29·6	7·7	31·6	6·4	71	55	71	36	13	266	51	16	2
August	21·8	12·5	28·8	5·9	32·0	0·9	69	51	58	28	13	271	58	14	1
September	16·1	8·0	24·0	0·4	28·4	−2·0	81	61	42	16	13	164	43	12	3
October	7·3	1·4	17·1	−8·8	21·2	−14·3	82	71	46	30	16	81	25	10	13
November	0·0	−4·3	8·0	−15·6	11·0	−21·5	89	84	50	28	19	41	16	8	20
December	−6·7	−12·0	1·6	−24·6	4·5	−29·4	83	82	46	16	23	25	11	6	21
Year	7·5	0·0	30·3*	−31·1*	32·0	−34·2	75	63	535	36	184	1930	43	17	101
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Groznyy 43° 21′N 45° 41′E 124 m — Russian S.F.S.R

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·6	−5·8	7·6	−14·5	13·3	−24·6	92	83	19	13	14	35	12	7	21
February	2·3	−5·2	12·0	−15·5	21·4	−27·6	92	78	19	10	11	65	22	9	13
March	8·2	−0·7	16·9	−9·8	21·7	−18·0	87	68	28	30	11	94	25	11	15
April	16·5	4·8	26·3	−1·3	29·3	−6·6	76	51	31	37	7	165	41	12	7
May	24·1	10·9	30·7	4·4	33·1	2·5	65	45	56	38	9	241	53	14	3
June	27·9	15·3	34·0	9·6	37·8	5·6	66	47	80	57	12	249	54	14	2
July	30·2	18·1	36·8	14·1	40·0	12·5	63	45	54	55	9	245	53	14	3
August	29·6	17·2	35·4	11·8	38·0	9·5	70	48	55	55	9	242	56	13	2
September	24·6	12·3	31·7	5 1	35·5	3·0	77	51	41	20	8	187	50	12	6
October	17·3	5·8	25·1	−3·9	27·0	−6·3	84	59	24	19	8	150	44	10	6
November	10·0	2·0	18·0	−5·8	21·7	−15·9	93	79	21	11	11	45	15	9	19
December	3·2	−2·7	11·5	−15·1	15·4	−22·3	93	86	24	18	13	21	7	6	23
Year	16·2	6·0	37·2*	−20·9*	40·0	−27·6	80	62	452	57	122	1739	39	14	120
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Izhevsk 56° 49′N 53° 16′E 158 m — Russian S.F.S.R

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1530							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−12·6	−19·7	−2·3	−34·5	0·7	−40·8	80	77	44	17	20	45	19	6	16
February	−9·4	−17·9	−0·5	−29·7	3·4	−37·8	79	70	31	13	13	96	36	9	9
March	−2·8	−11·0	3·7	−23·9	7·5	−32·1	79	69	36	19	15	127	35	11	8
April	8·3	−1·0	18·3	−11·7	25·3	−23·9	68	57	24	13	9	208	49	14	4
May	17·8	6·5	27·6	−2·2	31·1	−9·4	56	46	37	15	12	254	50	15	3
June	21·1	9·9	29·5	2·2	33·4	−2·4	59	49	60	23	14	284	53	16	2
July	24·1	13·7	31·0	6·3	33·6	5·3	71	59	74	43	13	254	48	16	2
August	21·4	11·0	28·6	3·9	31·8	1·3	68	52	61	59	11	265	56	14	1
September	15·3	6·1	24·8	−1·7	28·3	−3·1	74	60	39	23	13	125	32	11	3
October	5·2	−1·0	15·5	−11·7	20·2	−18·6	83	71	56	17	17	73	23	10	12
November	−1·5	−6·5	6·1	−20·2	10·8	−29·1	88	83	53	29	18	37	15	8	19
December	−8·7	−15·1	0·1	−29·3	1·9	−35·7	82	81	53	21	19	41	19	5	17
Year	6·5	−2·1	32·3*	−35·4*	33·6	−40·8	74	65	568	59	174	1809	40	16	96
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

*Average of highest/lowest each year

U.S.S.R.

Kaliningrad (Königsberg) 54°42′N 20°37′E 27 m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−1·7	−7·4	4·5	−18·4	7·8	−26·9	88	83	48	17	20	30	12	7	22
February	−0·9	−6·9	4·7	−19·3	9·1	−23·6	88	79	43	14	17	51	19	9	15
March	3·2	−3·4	10·4	−13·7	23·0	−21·7	89	71	39	20	14	129	35	12	9
April	11·1	2·2	21·1	−3·3	26·9	−5·3	87	64	31	13	11	171	41	14	7
May	16·4	6·7	24·0	0·6	27·0	−2·5	83	61	56	26	14	221	44	15	4
June	21·0	10·8	28·5	5·4	33·5	1·4	77	57	52	42	11	310	60	16	1
July	21·9	12·6	29·5	7·6	33·7	6·2	81	59	75	39	13	298	57	16	1
August	21·5	12·3	30·0	6·7	33·0	2·8	86	60	104	79	15	251	54	15	2
September	18·2	9·6	26·2	2·8	27·8	−0·3	89	67	88	32	15	169	44	12	5
October	12·5	5·6	19·4	−2·2	26·4	−6·1	91	75	56	22	15	103	31	10	9
November	5·5	0·9	13·1	−7·9	19·4	−16·0	89	83	89	49	18	45	18	8	18
December	−0·1	−5·2	6·1	−16·0	9·7	−25·6	89	87	55	22	18	24	11	6	22
Year	10·7	3·1	31·1*	−22·4*	33·7	−26·9	87	71	736	79	181	1802	40	16	115
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Kamennaya Step′ 51°03′N 40°42′E 194 m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−7·3	−14·5	1·2	−26·9	3·2	−31·7	85	82	40	20	17	66	25	8	17
February	−5·9	−13·3	2·6	−25·8	5·9	−32·3	82	75	24	16	14	111	39	10	10
March	−0·2	−6·5	8·4	−18·1	15·3	−30·7	87	77	22	13	13	113	31	12	13
April	12·3	2·6	22·9	−4·9	26·1	−13·1	68	49	28	21	9	187	45	13	4
May	21·1	9·5	28·7	2·3	31·6	−1·1	55	38	42	31	9	275	57	14	2
June	23·5	11·9	30·0	4·5	32·5	−3·0	64	48	55	27	11	265	54	15	1
July	26·2	14·3	32·3	8·1	34·0	5·3	67	49	58	32	13	293	59	16	1
August	25·5	13·7	31·9	6·5	36·5	1·1	64	45	53	41	10	257	57	14	2
September	19·8	8·8	26·9	0·5	31·6	−2·0	70	52	34	36	9	194	51	13	4
October	11·0	2·7	19·8	−6·9	23·1	−11·6	83	63	28	31	11	131	39	10	8
November	3·2	−2·6	11·5	−14·0	14·9	−22·0	89	80	45	16	16	63	23	9	17
December	−3·5	−9·1	4·7	−21·6	8·1	−28·9	89	88	49	15	20	35	14	8	20
Year	10·5	1·5	33·7*	−29·2*	36·5	−32·3	75	62	478	41	152	1990	44	16	99
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Kandalaksha 67°08′N 32°26′E 26 m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−9·9	−18·9	1·9	−32·5	7·0	−35·8	84	84	28	9	20	2	2	3	29
February	−10·2	−19·9	−0·4	−31·9	4·6	−37·7	84	81	23	7	18	31	14	7	18
March	−4·6	−16·0	3·0	−28·2	6·2	−32·8	84	71	26	13	16	121	34	12	9
April	2·7	−6·5	10·0	−18·3	14·1	−21·8	77	63	21	9	15	181	39	15	6
May	8·7	0·1	18·4	−6·8	24·0	−10·5	69	57	31	16	12	250	41	19	4
June	14·8	5·7	24·6	−0·1	29·7	−1·7	68	57	58	48	16	274	38	19	1
July	17·9	9·0	24·6	4·3	27·3	2·7	75	63	54	25	16	262	38	20	2
August	16·1	8·1	23·5	1·3	27·6	−1·4	83	69	69	29	16	195	37	17	3
September	10·0	3·5	17·4	−3·7	22·1	−9·7	87	73	64	17	18	103	26	13	9
October	3·3	−2·4	10·3	−13·5	14·0	−21·8	91	83	63	28	21	48	16	10	17
November	−1·4	−7·5	5·1	−21·3	8·3	−25·3	91	89	42	11	20	11	7	6	25
December	−6·9	−15·2	2·1	−27·5	4·3	−32·8	88	87	30	9	20	0	0	0	31
Year	3·4	−5·0	26·7*	−33·7*	29·7	−37·7	82	73	509	48	208	1478	32	20	154
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

*Average of highest/lowest each year

Kazan' 55°47'N 49°11'E 64 m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1530							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−11·1	−18·6	−0·5	−32·8	1·3	−35·9	82	79	31	9	18	61	26	7	16
February	−10·0	−17·2	−0·5	−28·9	2·2	−26·3	83	74	26	15	13	118	44	10	9
March	−2·7	−10·2	3·5	−22·7	6·1	−31·7	83	72	27	19	13	151	41	12	5
April	8·5	0·0	18·3	−9·8	24·0	−21·0	73	63	26	13	10	216	51	13	3
May	18·7	8·0	28·4	−0·5	31·7	−5·6	58	46	32	21	11	285	57	15	2
June	21·9	11·1	29·1	3·3	32·4	0·3	59	46	61	43	13	307	58	19	0
July	24·2	14·1	31·2	7·1	32·2	8·2	69	57	62	50	13	271	51	16	2
August	22·9	12·4	30·3	5·0	35·1	9·0	63	46	63	61	11	295	63	15	1
September	16·7	7·8	25·8	−0·4	29·7	−2·4	73	58	41	31	11	155	40	12	4
October	6·7	0·9	16·3	−9·3	19·5	−15·2	81	71	44	18	17	89	27	11	11
November	−0·6	−5·0	6·7	−16·2	10·5	−23·3	90	87	45	23	16	35	14	8	20
December	−7·2	−13·4	1·3	−27·3	4·2	−31·2	82	81	38	12	18	38	17	7	19
Year	7·3	−0·8	32·3*	−34·4*	35·1	−36·3	75	65	496	61	164	2021	45	19	92
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Kem' 64°59'N 34°47'E 10 m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−9·7	−17·4	−0·1	−29·2	4·9	−36·6	87	85	17	6	16	23	15	6	23
February	−9·1	−16·5	0·2	−27·5	3·2	−33·9	88	83	16	5	16	72	31	9	11
March	−4·1	−12·9	3·4	−24·7	6·1	−29·5	88	75	16	6	14	138	39	11	7
April	2·7	−4·4	11·9	−15·4	14·6	−20·0	81	73	28	14	11	172	38	16	5
May	8·5	1·1	18·7	−5·7	25·2	−11·5	74	69	28	19	12	239	42	18	5
June	14·3	6·6	23·8	−0·1	30·1	−1·8	71	68	44	37	12	284	44	19	1
July	17·3	10·1	26·1	5·3	29·3	3·9	77	71	63	34	16	289	46	19	1
August	16·4	9·9	24·0	4·0	30·1	1·1	82	75	67	32	17	219	43	17	4
September	11·5	5·6	20·1	−0·8	25·2	−4·1	87	75	50	24	16	110	28	12	7
October	4·9	−0·1	11·8	−9·6	14·7	−15·6	88	81	46	17	17	71	23	10	12
November	−0·2	−4·7	6·2	−14·9	9·7	−23·0	91	88	35	9	17	17	9	6	22
December	−5·7	−12·1	2·0	−25·7	4·7	−28·9	87	87	25	7	19	2	2	3	30
Year	3·9	−2·9	27·7*	−30·5*	30·1	−36·6	83	77	435	37	183	1636	36	19	128
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Khoseda-Khard 67°05'N 59°23'E 81 m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	1000	1600							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−17·4	−27·2	−3·5	−43·8	0·5	−50·3	83	83	26	7	21	4	3	4	29
February	−15·1	−24·1	−4·5	−40·0	0·8	−46·5	85	83	21	5	20	53	24	8	13
March	−10·4	−20·8	−0·5	−34·0	4·4	−43·3	85	83	23	6	21	115	32	11	9
April	−3·6	−13·0	6·8	−29·4	10·8	−36·3	83	77	20	10	15	156	33	14	5
May	2·8	−5·4	14·2	−17·6	20·7	−25·3	77	71	36	19	17	173	28	18	7
June	11·9	1·9	23·7	−5·0	32·0	−8·1	70	62	41	32	15	199	28	21	5
July	19·3	7·5	29·2	1·5	31·6	−0·6	69	61	58	38	15	235	34	20	4
August	14·6	5·1	24·5	−1·9	29·1	−3·4	76	67	66	23	18	175	33	16	4
September	8·3	1·1	16·9	−5·4	23·3	−9·9	83	75	57	16	20	87	22	14	8
October	−1·1	−7·6	8·5	−22·8	12·0	−35·5	86	81	47	11	20	65	22	10	14
November	−8·6	−16·7	1·5	−32·9	8·0	−41·2	88	88	29	10	20	7	14	4	27
December	−13·3	−22·5	−0·4	−38·8	1·3	−44·8	84	84	22	5	20	0	0	0	31
Year	−1·0	−10·1	29·8*	−44·7*	32·0	−50·3	81	76	446	38	222	1269	27	21	156
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

*Average of highest/lowest each year

Kirov 58°39′N 49°37′E 164 m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1530							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−12·7	−20·2	−1·9	−34·9	1·2	−39·3	82	81	30	7	22	29	13	6	17
February	−9·7	−17·3	−1·3	−29·6	2·2	−39·0	84	75	25	11	16	93	36	9	9
March	−2·8	−10·2	4·4	−22·8	8·3	−32·1	83	70	31	16	17	117	32	12	9
April	7·9	−1·0	17·6	−10·9	24·5	−21·2	74	59	30	17	12	165	38	14	5
May	16·8	6·2	27·1	−1·6	31·5	−8·1	59	47	40	19	12	258	49	16	1
June	20·3	9·8	27·5	1·6	30·7	−2·1	58	48	57	29	12	298	54	16	1
July	22·6	13·2	29·7	5·6	32·6	4·2	71	60	110	137	15	251	46	16	3
August	20·7	10·8	27·8	3·3	31·6	1·1	70	55	57	49	11	257	54	15	2
September	14·2	6·2	24·1	−1·1	29·1	−2·5	83	68	76	27	16	121	31	12	5
October	4·7	−0·8	13·7	−10·9	17·7	−16·4	83	75	61	22	20	63	20	10	13
November	−1·5	−6·1	5·8	−19·0	11·0	−30·5	89	85	43	18	20	29	12	7	21
December	−8·9	−14·8	0·1	−28·9	2·7	−34·3	83	82	43	13	21	23	11	4	21
Year	6·0	−2·0	30·4*	−35·9*	32·6	−39·3	77	67	603	137	194	1704	38	16	107
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Kostroma 57°44′N 40°57′E 139 m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−10·8	−18·1	0·1	−31·8	5·6	−36·0	79	79	30	9	20	47	21	6	17
February	−8·2	−16·3	−0·2	−28·7	2·1	−35·1	80	69	25	13	15	107	41	9	9
March	−1·7	−9·9	4·4	−21·5	7·5	−28·0	83	71	25	11	16	123	34	12	9
April	8·7	−0·1	18·7	−9·2	21·8	−19·0	77	62	34	17	12	176	41	14	5
May	17·5	7·0	26·5	0·3	28·7	−2·0	63	49	46	30	13	281	54	17	1
June	20·4	9·9	27·0	3·1	31·9	0·7	64	49	60	52	12	311	57	17	1
July	22·2	12·7	28·8	7·1	32·5	5·5	72	59	83	54	15	283	52	16	2
August	21·1	11·4	27·7	5·4	31·2	2·9	76	59	71	37	13	261	55	14	1
September	15·3	7·1	23·1	0·0	27·9	−3·0	86	66	56	26	16	150	39	12	4
October	7·1	1·2	16·6	−8·7	22·6	−18·5	87	74	59	23	19	68	21	10	11
November	−0·3	−4·9	8·7	−16·8	12·0	−22·6	92	85	46	19	17	35	15	9	19
December	−6·5	−12·2	1·6	−25·7	2·9	−32·3	84	83	42	12	22	21	10	5	21
Year	7·1	−1·0	30·1*	−33·1*	32·5	−36·0	79	67	577	54	190	1863	41	17	100
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Kotlas 61°14′N 46°38′E 69 m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−13·9	−21·1	−1·7	−36·4	2·5	−41·2	79	78	28	10	19	31	16	6	19
February	−10·1	−17·9	−0·3	−31·3	2·2	−43·6	79	72	19	7	15	88	36	9	6
March	−2·6	−11·7	5·2	−24·4	9·3	−35·8	83	70	25	9	16	105	29	12	11
April	7·5	−2·3	17·2	−12·5	23·1	−20·8	75	59	30	18	11	164	37	14	5
May	15·0	4·3	24·3	−2·9	30·4	−7·7	63	51	44	23	13	245	46	17	3
June	19·5	8·3	27·5	0·2	30·5	−1·8	61	48	58	31	13	307	53	18	1
July	22·3	11·8	30·5	4·7	32·9	1·7	69	54	65	37	14	273	48	18	3
August	20·5	9·9	28·1	2·6	30·7	0·4	76	58	50	28	13	227	46	16	2
September	13·6	5·2	23·3	−2·0	28·4	−4·6	85	65	49	36	16	107	28	13	5
October	4·3	−0·9	13·4	−11·5	18·4	−17·3	85	77	55	17	21	45	14	10	15
November	−1·4	−6·3	6·1	−21·2	8·4	−36·8	87	85	38	18	20	23	11	7	21
December	−8·8	−15·1	2·0	−29·2	4·0	−39·2	80	79	27	7	22	13	8	5	25
Year	5·5	−3·0	31·0*	−37·0*	32·9	−43·6	77	66	488	37	193	1628	36	18	116
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

*Average of highest/lowest each year

Koynas 64° 45′N 47° 39′E 62 m Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−15·7	−25·3	−2·8	−42·1	2·5	−48·0	77	77	32	12	21	7	5	5	27
February	−11·9	−21·2	−2·2	−38·6	1·5	−49·7	78	71	24	7	19	64	28	8	12
March	−4·7	−16·7	4·0	−33·9	10·9	−45·1	81	67	36	10	20	110	31	12	9
April	4·9	−6·8	14·3	−22·3	18·1	−29·0	70	57	36	15	14	170	38	15	5
May	10·8	0·0	21·1	−9·8	27·4	−19·2	62	55	50	21	15	215	38	18	6
June	16·9	5·0	27·6	−2·6	33·6	−4·6	63	53	55	43	15	241	37	19	1
July	20·9	9·4	30·4	1·8	31·8	−0·8	70	58	74	34	15	248	40	18	2
August	18·0	8·1	27·6	0·6	31·6	−2·2	79	66	70	36	19	177	35	16	4
September	10·6	3·5	19·7	−3·7	27·3	−6·6	87	75	75	35	20	80	20	11	9
October	2·4	−3·1	11·3	−17·0	14·5	−27·4	88	80	62	21	21	51	17	10	15
November	−3·9	−9·8	4·2	−27·6	8·3	−42·8	89	88	51	15	21	7	4	5	25
December	−11·3	−18·6	−0·2	−37·0	3·1	−43·9	81	81	39	9	21	0	0	0	31
Year	3·1	−6·3	31·1*	−44·8*	33·6	−49·7	77	69	604	43	221	1370	30	19	146
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Krasnoufimsk 56° 37′N 57° 45′E 220 m Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	1000	1600							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−12·9	−22·1	−1·9	−40·9	1·4	−48·6	77	73	31	11	19	50	21	7	14
February	−9·8	−21·9	0·5	−37·3	5·0	−46·0	76	67	23	9	13	105	39	9	8
March	−2·3	−13·7	5·2	−32·5	8·8	−41·8	78	63	21	10	17	140	38	12	7
April	8·6	−3·4	18·6	−15·8	25·5	−27·3	70	53	24	15	10	220	51	12	3
May	17·7	4·4	27·6	−4·1	30·0	−11·6	59	48	42	17	14	228	45	15	3
June	20·8	8·3	30·1	−0·5	34·2	−4·4	61	51	68	29	16	255	48	17	2
July	24·0	12·1	30·8	4·7	35·0	2·2	71	62	71	22	14	240	45	15	3
August	20·5	9·2	27·5	0·5	30·8	−2·8	68	56	62	30	14	234	49	14	2
September	15·1	4·3	25·9	−3·9	27·4	−6·3	73	57	44	35	15	148	38	12	3
October	4·9	−2·0	15·1	−14·4	18·5	−22·7	79	71	52	34	19	74	23	10	12
November	−2·0	−8·9	6·1	−27·5	11·2	−37·7	83	79	39	16	18	43	17	8	15
December	−10·0	−19·0	1·2	−36·0	4·0	−46·1	79	77	37	15	18	54	25	6	15
Year	6·2	−4·4	31·9*	−43·3*	35·0	−48·6	73	63	514	35	187	1791	40	17	87
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Kursk 51° 39′N 36° 11′E 167 m Russian S.F.S.R

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−7·3	−14·0	1·3	−24·7	3·4	−29·2	83	79	39	28	19	51	20	7	19
February	−5·8	−12·8	1·5	−25·7	4·1	−30·5	82	75	33	13	16	82	29	9	14
March	−0·8	−6·8	6·1	−17·7	13·4	−32·6	87	75	40	23	16	121	33	11	10
April	11·0	2·5	21·7	−5·0	25·8	−13·2	74	56	34	16	13	164	39	13	5
May	19·7	9·3	27·7	2·8	30·7	−1·1	64	44	44	29	12	265	55	14	2
June	22·2	11·9	28·1	5·0	29·8	2·9	67	51	58	41	13	260	52	15	1
July	24·2	13·9	30·3	8·1	31·5	5·9	70	50	70	52	12	288	58	15	1
August	23·7	13·2	30·9	7·2	33·4	1·9	70	48	47	39	10	252	56	14	2
September	18·3	8·3	26·5	0·8	29·4	−1·5	74	51	38	21	9	198	52	12	4
October	10·9	3·2	20·1	−5·1	24·5	−9·2	83	63	21	20	11	128	39	11	7
November	2·6	−2·5	10·5	−13·4	14·8	−23·6	90	82	52	27	16	49	18	8	17
December	−3·5	−8·4	4·5	−21·9	8·7	−27·8	88	87	61	17	20	28	11	6	23
Year	9·6	1·5	31·6*	−28·1*	33·4	−32·6	78	63	537	52	167	1886	42	15	105
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

*Average of highest/lowest each year

U.S.S.R.

Kuybyshev 53°15′N 50°27′E 44 m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1530							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−10·3	−17·4	−1·5	−30·4	1·7	−37·5	81	76	50	18	20	67	27	7	14
February	−8·8	−16·5	0·1	−26·8	2·3	−34·3	79	69	35	16	14	119	43	10	6
March	−1·7	−8·6	5·1	−23·1	9·5	−31·4	82	71	33	20	16	153	42	12	9
April	11·0	1·8	20·7	−7·4	27·5	−20·9	64	46	28	29	9	228	55	14	2
May	20·7	9·5	28·9	1·2	32·1	−1·5	52	38	35	21	12	287	59	15	1
June	23·1	12·3	31·2	4·9	33·3	−0·4	58	45	52	24	12	303	60	16	0
July	25·6	15·2	32·1	8·5	37·7	7·6	63	50	65	43	11	291	57	16	0
August	24·6	13·7	32·1	6·9	35·4	4·7	56	40	38	46	9	308	67	14	1
September	18·6	8·3	27·5	0·3	30·0	−1·9	64	47	31	37	10	181	47	12	3
October	8·9	1·3	19·1	−8·5	24·2	−13·8	77	63	48	22	15	111	34	10	8
November	0·6	−4·1	6·2	−12·8	9·2	−18·5	89	83	50	32	15	54	21	9	15
December	−6·4	−12·3	1·4	−24·6	3·0	−30·7	83	80	54	23	19	45	19	7	17
Year	8·8	0·3	33·5*	−31·8*	37·7	−37·5	71	59	519	46	162	2147	48	16	76
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Leningrad 59°58′N 30°18′E 4 m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−7·1	−13·4	1·7	−24·5	3·3	−31·8	86	84	35	15	21	13	6	5	25
February	−5·4	−11·9	2·2	−24·8	3·1	−33·0	81	73	30	12	17	45	17	8	17
March	−0·2	−7·9	6·3	−18·8	12·3	−26·4	85	70	31	19	14	121	33	11	8
April	8·0	0·4	17·3	−7·3	20·0	−13·1	79	65	36	20	12	144	33	14	9
May	15·1	5·8	23·7	−0·5	27·4	−4·3	69	57	45	21	13	244	46	16	4
June	19·8	10·5	26·5	4·4	29·4	1·7	68	53	50	31	12	313	56	17	1
July	21·2	12·7	28·5	7·1	32·9	4·9	75	61	72	33	13	270	48	16	3
August	20·3	12·5	26·7	7·0	31·3	1·3	79	61	78	39	14	257	53	15	1
September	15·4	8·5	23·6	1·5	29·0	−1·9	86	68	64	25	17	145	37	12	4
October	8·8	3·7	14·9	−3·5	18·4	−8·1	88	78	76	27	18	72	23	10	13
November	1·8	−2·1	9·4	−11·0	12·3	−18·4	89	85	46	19	18	15	7	7	21
December	−3·1	−7·9	3·6	−18·9	5·1	−23·4	88	86	40	16	22	3	2	3	29
Year	7·9	0·9	29·3*	−27·9*	32·9	−33·0	81	70	603	39	191	1642	36	17	135
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Makhachkala 43°01′N 47°26′E —14 m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	3·3	−2·1	10·0	−10·1	16·3	−17·7	85	84	28	26	12	62	21	8	16
February	3·3	−1·8	9·7	−9·4	16·0	−22·0	84	82	33	15	12	83	28	9	12
March	7·0	1·7	13·8	−5·7	22·6	−12·4	82	79	26	11	12	95	26	12	12
April	13·4	6·9	22·2	2·5	26·0	−0·3	77	73	22	33	8	171	43	13	5
May	21·1	13·0	28·0	8·4	30·5	5·9	65	62	20	19	7	269	59	14	2
June	25·8	17·8	31·1	13·1	32·9	8·2	63	61	30	23	9	303	66	15	1
July	28·3	20·9	34·1	16·6	37·6	14·9	63	59	25	23	7	290	62	14	1
August	27·5	20·4	32·4	15·9	34·2	13·4	66	64	30	33	7	281	65	14	1
September	23·0	16·3	28·7	10·8	31·0	8·5	69	66	51	35	7	201	53	12	3
October	17·0	10·4	23·6	2·3	24·9	−2·0	69	69	26	21	7	159	46	10	3
November	11·5	5·9	17·7	−2·3	21·6	−8·0	82	78	16	20	7	76	26	9	10
December	6·2	1·0	12·2	−7·2	13·6	−12·6	85	82	26	22	11	57	20	8	13
Year	15·6	9·2	34·2*	−14·1*	37·6	−22·0	74	72	333	35	106	2407	46	15	79
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

*Average of highest/lowest each year

U.S.S.R.

Moskva (Moscow) 55° 45′N 37° 34′E 156 m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−9·3	−16·2	−0·1	−29·4	2·2	−31·6	82	77	39	20	18	39	—	—	—
February	−5·7	−13·6	1·7	−26·1	3·4	−31·9	82	66	38	35	15	92	—	—	—
March	0·1	−7·8	6·3	−19·1	16·2	−27·9	82	64	36	22	15	139	—	—	—
April	10·2	1·3	19·8	−8·2	24·7	−25·6	73	54	37	30	13	179	—	—	—
May	18·7	7·9	27·4	0·9	30·0	−2·2	58	43	53	23	13	263	—	—	—
June	21·0	10·6	26·5	4·0	30·4	1·2	62	47	58	25	12	296	—	—	—
July	22·8	12·9	29·4	7·6	31·8	5·1	68	54	88	39	15	284	—	—	—
August	22·0	11·9	28·5	6·3	31·2	2·8	74	55	71	42	14	254	—	—	—
September	16·3	7·3	25·1	−0·2	28·2	−2·4	78	59	58	43	13	169	—	—	—
October	9·0	2·9	18·2	−7·5	23·6	−15·1	81	67	45	17	15	77	—	—	—
November	1·5	−3·3	9·9	−14·3	11·9	−21·5	87	79	47	29	15	41	—	—	—
December	−4·5	−9·5	3·1	−22·9	4·8	−27·3	85	83	54	17	23	18	—	—	—
Year	8·5	0·4	29·8*	−29·9*	31·8	−31·9	76	62	624	43	181	1851	—	—	—
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	—	—	—

Murmansk 68° 58′N 33° 03′E 46 m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−8·0	−14·9	2·1	−28·5	5·9	−34·3	83	83	31	10	19	0	0	0	31
February	−9·1	−15·7	−0·2	−28·1	4·6	−38·6	81	79	24	13	16	17	8	5	21
March	−4·7	−12·2	2·6	−25·1	5·6	−32·6	83	75	18	9	17	130	36	11	7
April	1·7	−4·8	9·6	−13·2	14·0	−17·6	79	67	17	8	15	176	37	16	4
May	6·9	0·3	16·3	−5·4	22·8	−8·9	71	62	28	20	13	189	29	17	5
June	13·1	4·9	24·9	−0·9	28·2	−2·5	69	58	52	24	16	194	27	21	3
July	15·7	8·1	25·1	4·0	30·1	2·4	76	65	52	31	16	167	22	18	5
August	14·5	7·8	23·7	3·1	28·5	1·9	82	67	61	21	20	141	25	17	6
September	9·4	4·2	16·6	−1·5	20·5	−4·3	84	69	46	16	17	95	24	12	7
October	2·8	−1·5	9·3	−10·1	12·1	−21·2	87	82	50	23	20	30	10	9	16
November	−1·1	−6·4	5·6	−16·3	8·6	−25·2	85	85	34	13	19	3	2	4	28
December	−5·8	−12·2	2·5	−23·9	4·1	−29·8	84	85	33	14	18	0	0	0	31
Year	2·9	−3·5	27·4*	−30·1*	30·1	−38·6	80	73	446	31	206	1142	25	21	164
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Nar'yan-Mar 67° 39′N 53° 01′E 7 m

Russian S.F.S.R

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1530							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−15·7	−25·4	−1·9	−40·0	1·5	−45·8	79	79	23	13	19	1	1	3	30
February	−13·6	−22·1	−2·7	−36·5	0·0	−45·5	81	79	18	5	18	59	22	8	15
March	−9·9	−19·7	0·7	−32·9	4·8	−45·4	83	77	18	8	17	123	34	12	8
April	−2·8	−11·6	6·8	−26·4	11·3	−34·1	81	75	19	10	15	144	31	14	7
May	3·5	−4·1	13·5	−14·4	20·3	−23·6	77	71	29	16	16	171	27	18	7
June	11·4	2·7	23·6	−2·9	29·3	−4·6	76	69	40	15	15	133	18	17	13
July	17·8	8·7	28·9	2·1	32·6	0·5	74	64	50	27	13	225	31	23	5
August	14·5	6·9	25·2	0·0	30·4	−3·4	79	69	60	19	18	162	30	17	5
September	8·6	2·7	17·0	−3·3	23·9	−6·9	85	73	55	30	19	94	24	13	8
October	0·3	−5·0	8·9	−18·1	13·2	−24·2	87	81	49	15	21	63	21	11	13
November	−6·5	−13·8	2·3	−26·3	6·3	−38·1	87	87	29	15	20	5	3	5	27
December	−11·4	−19·6	−0·3	−35·2	1·9	−40·3	81	79	23	7	20	0	0	0	31
Year	−0·3	−8·4	29·5*	−41·8*	32·6	−45·8	81	75	413	30	211	1170	20	23	169
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

*Average of highest/lowest each year

Novopyatigorsk 44° 03′N 43° 02′E Height not known Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·6	−7·5	9·6	−17·9	12·9	−22·7	88	79	24	12	15	65	23	8	11
February	1·4	−6·8	13·9	−18·0	20·8	−27·8	81	67	19	11	12	110	37	10	8
March	6·3	−2·7	16·1	−13·5	21·8	−23·4	83	70	26	17	12	112	30	11	12
April	13·9	3·4	23·6	−1·9	27·5	−6·5	67	62	50	34	13	177	44	13	5
May	21·0	9·8	28·0	4·2	29·5	0·2	61	51	74	33	14	241	53	14	3
June	24·3	12·7	31·1	6·3	36·1	2·6	65	54	91	37	14	253	55	14	1
July	26·6	15·6	33·8	9·6	39·1	8·2	64	51	78	72	11	258	55	14	2
August	26·1	14·6	31·7	9·5	34·5	7·9	69	55	74	83	10	251	58	13	1
September	21·7	10·3	29·7	1·6	35·0	−1·8	71	54	23	14	9	189	50	12	3
October	15·1	3·9	23·4	−6·0	27·4	−9·4	74	57	26	15	9	168	49	10	4
November	9·0	0·1	18·4	−7·8	22·9	−17·5	85	77	19	9	12	73	25	9	13
December	3·5	−4·3	14·4	−14·8	19·7	−23·1	88	82	24	13	14	50	18	8	17
Year	14·1	4·1	34·4*	−22·3*	39·1	−27·8	75	63	528	83	145	1947	44	14	80
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Oktyabr′skiy Gorodok 51° 38′N 45° 27′E 190 m Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1530							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−8·2	−16·9	1·2	−29·6	2·9	−36·1	80	78	38	19	18	71	27	8	15
February	−8·0	−16·7	1·9	−30·2	4·5	−37·8	80	73	21	15	12	123	44	10	9
March	−1·5	−8·6	6·4	−23·7	11·7	−32·8	84	74	20	11	13	141	38	12	9
April	11·7	1·3	21·7	−7·7	26·1	−18·6	63	45	17	13	8	221	53	14	2
May	21·3	8·3	28·3	0·4	32·4	−4·9	48	35	49	37	10	272	56	15	2
June	24·1	11·6	31·1	3·8	34·2	−0·3	56	41	31	17	9	279	56	15	1
July	26·7	13·8	32·6	7·1	36·2	5·1	57	42	54	58	9	299	59	15	1
August	25·6	12·5	33·2	5·5	37·1	2·9	55	39	44	32	8	284	62	14	1
September	19·5	7·3	28·2	−1·9	31·0	−4·2	66	48	26	24	8	194	51	12	4
October	9·9	1·3	19·5	−9·4	24·8	−14·5	77	58	26	19	11	132	40	11	7
November	1·6	−4·0	10·0	−13·8	12·4	−22·5	89	78	34	16	14	68	26	9	15
December	−5·5	−11·5	2·6	−24·9	5·0	−29·8	85	83	35	16	17	39	16	7	19
Year	9·8	−0·1	34·2*	−32·1*	37·1	−37·8	70	58	395	58	137	2123	47	15	85
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Onega 63° 54′N 38° 07′E 8 m Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−11·9	−19·4	−1·5	−33·5	4·5	−37·4	83	83	31	11	21	24	14	6	21
February	−9·3	−16·9	−0·5	−29·4	2·8	−37·3	82	77	27	13	17	63	27	9	11
March	−3·3	−13·0	4·1	−26·8	7·7	−33·3	83	71	28	9	17	114	32	11	6
April	5·3	−3·5	14·0	−15·6	16·9	−22·1	75	65	36	16	13	151	34	15	7
May	12·1	2·3	20·9	−5·3	25·1	−10·1	68	59	36	21	11	238	42	17	5
June	17·3	7·2	26·1	−0·9	28·1	−2·2	65	57	63	28	14	281	46	20	2
July	20·0	10·4	28·5	2·7	30·5	0·7	73	60	59	33	13	284	47	18	2
August	19·0	10·2	27·5	1·5	31·5	−3·0	79	65	59	43	15	218	43	17	1
September	12·5	5·7	21·4	−1·3	27·4	−4·8	87	73	70	30	17	109	28	12	8
October	5·1	0·3	11·9	−9·6	13·7	−19·3	89	80	66	20	21	43	14	11	15
November	−0·5	−5·3	6·0	−18·3	9·1	−31·5	90	89	59	21	21	9	5	4	25
December	−6·4	−13·2	1·4	−28·0	4·2	−38·0	86	86	48	16	23	<1	<1	1	30
Year	5·0	−2·9	29·5*	−34·0*	31·5	−38·0	80	72	582	43	203	1534	34	20	133
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

*Average of highest/lowest each year

U.S.S.R.

Orenburg (Chkalov) 51°45′N 55°06′E 109m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1530							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−10·2	−18·1	−0·7	−34·0	1·8	−43·2	75	69	24	14	15	89	34	7	11
February	−9·2	−18·7	−0·1	−30·8	4·0	−39·3	75	67	21	14	11	119	43	9	8
March	−0·2	−9·6	6·0	−25·7	12·8	−33·5	78	70	21	14	12	154	42	12	7
April	12·4	0·7	24·0	−10·1	29·6	−21·9	56	41	25	27	7	241	58	13	2
May	22·4	8·6	30·4	0·5	34·8	−4·3	44	33	37	30	10	289	60	15	1
June	25·5	12·5	34·8	4·4	39·5	1·5	51	39	47	33	12	286	57	16	1
July	28·3	15·3	35·1	8·9	39·1	5·4	52	39	38	35	9	326	65	15	0
August	26·7	13·1	33·8	5·8	37·1	3·3	45	32	33	18	9	299	66	15	1
September	20·9	7·4	30·2	−2·0	33·5	−5·3	55	41	27	34	9	214	56	13	2
October	9·3	0·4	19·4	−10·1	22·8	−17·6	70	57	43	23	14	130	39	11	9
November	1·1	−5·1	7·7	−14·4	11·7	−25·5	81	71	34	13	14	85	32	9	13
December	−6·9	−14·6	2·1	−27·9	4·0	−35·0	76	72	28	14	14	71	29	7	13
Year	10·0	−0·7	36·6*	−34·4*	39·5	−43·2	63	53	378	35	136	2303	51	16	68
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Pavelets 53°47′N 39°15′E 210m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−10·3	−17·7	−0·8	−30·0	1·4	−33·9	85	83	40	21	18	71	29	8	15
February	−7·8	−16·0	0·1	−28·5	2·2	−34·5	85	80	25	11	15	116	42	10	9
March	−2·3	−9·4	3·2	−21·9	10·2	−30·6	91	83	31	16	15	126	34	12	11
April	9·7	1·3	20·5	−6·2	23·6	−17·6	77	60	33	39	12	176	42	14	3
May	19·4	8·2	27·9	0·9	31·6	−1·0	59	43	49	28	11	255	52	14	1
June	21·5	10·7	27·9	4·3	31·1	0·6	68	53	55	28	12	250	49	15	1
July	23·4	13·0	30·0	6·7	31·9	4·9	71	56	64	32	13	256	50	15	1
August	22·8	11·8	31·2	5·1	34·7	1·1	71	53	57	37	13	251	54	14	2
September	17·5	6·9	26·5	−0·5	29·2	−2·6	78	62	44	37	11	176	46	12	2
October	9·3	1·7	18·6	−7·5	23·6	−13·6	86	69	32	18	13	99	30	11	9
November	0·8	−4·2	8·5	−15·7	12·1	−21·2	92	87	43	15	17	51	20	9	18
December	−5·1	−10·6	2·1	−23·9	5·7	−29·1	87	87	44	15	22	20	9	6	23
Year	8·2	−0·4	32·1*	−31·3*	34·7	−34·5	79	68	517	39	172	1847	41	15	95
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Pechora 65°07′N 57°06′E 56m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	1000	1600							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−17·6	−26·1	−4·2	−43·2	1·1	−50·5	77	77	38	9	23	8	5	4	27
February	−13·3	−21·5	−4·1	−37·7	1·7	−48·2	79	76	27	7	21	61	27	8	12
March	−6·7	−16·7	2·2	−30·9	9·4	−40·6	79	71	33	10	19	105	29	12	10
April	2·3	−8·1	12·8	−23·7	19·2	−33·3	71	61	32	14	12	162	36	15	7
May	9·2	−0·6	21·3	−10·6	27·6	−17·8	61	55	36	16	14	185	32	17	5
June	15·9	6·0	26·7	−2·1	33·6	−5·6	61	53	43	24	15	219	34	21	4
July	21·5	11·1	31·5	3·7	34·2	0·8	63	55	61	35	13	260	42	19	2
August	16·8	8·2	26·7	1·0	29·6	−0·5	73	62	88	39	18	194	38	17	4
September	9·9	3·4	19·2	−2·4	25·6	−5·4	81	71	73	35	19	97	25	13	6
October	0·5	−4·4	10·0	−18·0	12·9	−24·6	84	78	64	15	22	49	18	10	16
November	−6·5	−14·8	2·4	−29·4	7·7	−41·4	87	86	51	13	25	8	4	5	26
December	−13·6	−21·2	0·0	−38·1	1·9	−46·9	82	81	37	9	20	3	3	2	29
Year	1·5	−7·1	31·8*	−45·1*	34·2	−50·5	75	69	583	39	221	1351	30	21	148
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

*Average of highest/lowest each year

Perm' (Molotov) 58° 01′N 56° 18′E 161 m — Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	1000	1600							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−12·9	−20·3	−2·5	−35·9	0·9	−44·1	79	76	40	9	21	41	18	7	17
February	−9·3	−17·7	0·2	−30·5	4·6	−40·7	79	69	28	13	15	91	35	9	9
March	−2·3	−11·2	5·5	−25·5	9·9	−34·3	77	61	29	12	16	133	36	12	7
April	8·5	−1·3	18·3	−13·2	24·8	−21·6	61	50	26	30	10	209	49	14	3
May	16·5	5·3	25·9	−3·5	29·4	−10·4	58	49	62	27	14	246	48	15	4
June	20·0	8·8	28·9	0·0	34·6	−2·7	60	53	73	45	16	224	41	17	2
July	23·7	12·9	30·7	5·7	34·6	3·2	71	61	89	45	14	248	46	16	1
August	20·0	10·1	27·5	2·1	29·8	0·2	69	57	67	42	13	247	52	14	2
September	14·1	5·7	24·5	−2·1	26·7	−3·7	73	61	52	34	15	133	34	12	4
October	4·4	−1·3	14·4	−12·9	17·3	−19·2	79	72	60	25	21	62	19	10	13
November	−2·1	−7·5	5·5	−22·4	9·7	−29·4	83	80	51	17	20	37	15	8	17
December	−9·1	−16·0	0·3	−29·6	4·2	−40·8	79	77	43	11	19	39	19	6	18
Year	6·0	−2·7	31·7*	−38·0*	34·6	−44·1	72	64	620	45	194	1710	38	17	97
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Petrozavodsk 61° 49′N 34° 16′E 40 m — Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−10·3	−17·6	−2·2	−30·5	2·8	−34·1	85	84	29	10	20	33	17	6	18
February	−8·7	−15·5	0·4	−26·9	1·8	−33·5	83	77	25	9	18	37	15	9	12
March	−2·3	−10·0	4·7	−22·6	10·0	−28·0	83	71	33	13	17	56	15	12	9
April	5·3	−3·6	14·2	−12·7	16·9	−17·6	77	67	44	21	15	77	17	15	8
May	12·7	3·3	21·7	−3·2	26·8	−7·9	67	56	48	37	14	119	22	18	4
June	17·9	8·2	25·0	0·1	28·4	−2·6	67	54	50	40	13	149	26	18	2
July	19·4	10·7	26·5	3·7	30·3	0·7	76	61	73	33	15	133	23	17	3
August	18·6	10·4	25·5	3·8	28·5	−1·1	80	64	74	35	16	128	27	16	2
September	12·8	6·2	21·3	−1·2	27·7	−3·8	87	73	75	36	17	57	15	12	7
October	6·3	1·1	12·7	−7·5	15·4	−12·6	87	78	60	22	20	33	11	11	13
November	0·0	−4·3	7·4	−13·8	10·2	−23·8	91	88	41	16	20	8	4	7	22
December	−5·2	−11·2	2·3	−24·0	4·0	−28·8	88	87	43	17	23	3	2	4	27
Year	5·5	−1·9	27·7*	−30·9*	30·3	−34·1	81	72	595	40	208	833	19	18	127
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Primorsko-Akhtarsk 46° 02′N 38° 09′E 5 m — Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·7	−4·8	8·2	−16·1	13·6	−21·6	84	79	63	24	17	36	13	8	18
February	1·8	−4·5	10·9	−16·1	16·9	−22·1	84	75	42	25	12	91	31	9	11
March	7·4	0·0	19·5	−8·7	23·6	−16·1	83	69	32	29	11	139	38	12	9
April	16·0	7·1	25·0	1·1	30·6	−4·8	75	59	37	32	9	205	51	13	4
May	22·1	13·8	30·1	8·4	32·6	3·0	67	57	48	68	9	294	64	14	1
June	25·9	17·7	32·5	11·8	35·2	9·7	67	58	47	42	7	308	66	14	1
July	28·6	19·9	34·5	15·2	38·2	14·0	65	54	47	38	6	346	73	14	0
August	28·0	19·1	34·6	13·8	39·3	8·0	69	57	50	43	7	309	70	14	1
September	23·5	14·2	30·3	7·6	32·8	5·5	69	54	24	25	5	258	68	12	0
October	16·7	7·5	25·1	−0·9	28·8	−4·5	79	63	36	28	7	211	62	10	5
November	10·6	3·7	18·7	−4·9	22·7	−10·3	86	73	41	23	11	89	31	9	12
December	4·7	−0·9	13·8	−10·8	16·6	−17·6	87	82	70	39	16	41	15	7	17
Year	15·5	7·7	36·0*	−19·7*	39·3	−22·1	76	65	537	68	117	2327	52	14	79
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

*Average of highest/lowest each year

Pskov 57°50′N 28°21′E 42 m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−6·7	−14·1	2·0	−27·9	3·1	−31·5	85	82	32	12	19	45	20	7	16
February	−5·0	−13·2	2·3	−28·0	3·2	−34·1	83	75	27	10	16	61	23	10	14
March	0·1	−9·4	6·1	−22·2	16·4	−29·7	87	70	29	19	15	141	39	12	7
April	9·1	0·0	18·9	−8·2	22·7	−20·8	81	62	39	18	12	160	37	14	7
May	17·2	6·0	24·9	−0·1	28·7	−3·2	75	57	56	21	14	232	45	16	4
June	21·2	9·4	27·8	2·8	31·0	0·4	68	53	60	38	12	325	61	17	1
July	22·3	11·0	29·2	5·4	33·4	4·3	78	56	54	49	13	308	57	16	2
August	21·0	10·5	27·4	4·5	31·0	1·3	82	58	68	40	13	278	59	16	2
September	16·4	6·6	24·7	−1·0	28·4	−2·8	89	63	51	22	15	178	51	13	3
October	9·6	2·6	16·8	−5·8	22·2	−9·4	91	75	52	17	17	83	26	10	9
November	2·0	−2·0	10·3	−13·9	14·1	−23·8	90	85	52	18	17	29	12	7	19
December	−3·4	−9·3	3·7	−22·0	5·1	−29·0	88	85	43	10	20	30	15	6	15
Year	8·7	−0·2	29·7*	−29·8*	33·4	−34·1	83	68	563	49	183	1870	42	17	99
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Reboly 63°49′N 30°49′E 181 m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−10·9	−19·6	−1·0	−35·5	3·1	−41·9	85	85	27	11	20	16	9	5	24
February	−9·7	−18·5	−0·4	−34·6	1·2	−39·2	86	83	22	6	17	52	22	9	13
March	−3·2	−15·2	3·3	−31·0	6·9	−35·8	89	73	30	12	15	110	31	11	11
April	4·1	−4·8	12·2	−19·6	14·7	−27·5	79	63	40	25	15	155	35	14	7
May	11·2	1·7	20·0	−5·9	24·5	−11·4	71	54	41	19	13	230	41	17	5
June	17·6	8·2	25·1	0·9	29·6	−1·5	67	53	59	15	15	289	47	19	1
July	19·3	10·5	26·1	5·8	28·4	3·7	72	57	63	25	15	275	46	18	1
August	17·9	9·8	25·5	3·4	29·4	−1·7	81	62	80	35	15	227	45	16	3
September	11·6	5·3	20·3	−1·9	25·1	−4·6	89	72	78	25	17	113	29	12	8
October	4·8	−0·1	11·5	−9·5	14·8	−20·4	91	82	61	21	20	51	17	10	15
November	−1·1	−5·4	6·3	−18·6	10·1	−29·2	93	91	49	16	19	13	7	6	26
December	−7·1	−14·1	1·7	−30·3	4·1	−35·9	88	87	34	9	21	3	2	3	29
Year	4·5	−3·5	27·5*	−36·7*	29·6	−41·9	83	72	584	35	202	1534	34	19	143
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Rostov-na-Donu 47°15′N 39°49′E 77 m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−1·9	−8·2	6·5	−18·5	11·0	−24·6	87	81	71	26	19	47	17	8	19
February	−0·9	−7·3	9·5	−19·3	19·8	−25·6	86	77	45	21	13	73	25	10	13
March	5·0	−1·8	15·2	−11·9	16·9	−21·7	81	68	29	14	12	124	34	11	9
April	15·8	5·7	24·8	−0·4	28·3	−6·5	67	46	33	18	9	218	53	13	3
May	23·2	12·3	29·8	5·5	33·4	1·7	56	40	50	38	9	280	60	13	0
June	26·7	15·5	33·5	8·4	38·4	3·9	61	47	62	38	10	278	59	14	1
July	29·3	17·5	34·9	12·2	38·4	10·7	58	41	50	26	7	313	65	13	0
August	28·6	16·9	34·7	10·2	37·6	2·6	62	43	34	23	7	276	63	13	0
September	23·3	11·6	30·9	3·4	33·5	0·1	64	45	33	27	6	249	66	12	0
October	15·2	5·4	22·7	−4·2	26·2	−9·2	81	61	37	29	7	179	53	11	3
November	8·0	1·8	16·1	−7·1	20·7	−13·2	88	75	48	25	12	75	27	9	12
December	1·8	−2·9	10·8	−16·7	14·6	−23·6	90	87	87	32	18	28	11	7	23
Year	14·5	5·5	36·2*	−21·5*	38·4	−25·6	73	59	579	38	129	2140	48	14	83
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

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*Average of highest/lowest each year

U.S.S.R.

Saratov 51° 34′N 46° 00′E 135 m — Russian S.F.S.R.

Period 1963–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−8·6	−15·7	1·1	−28·0	4·8	−35·2	80	77	47	25	17	—	—	—	—
February	−7·2	−15·1	2·4	−26·6	5·1	−31·9	79	72	35	22	13	—	—	—	—
March	−0·6	−7·3	7·0	−20·0	13·6	−26·8	81	73	27	10	12	—	—	—	—
April	12·1	3·1	22·5	−6·2	26·6	−17·8	63	45	19	17	7	—	—	—	—
May	21·8	10·4	28·5	2·9	32·7	0·9	51	38	47	33	9	—	—	—	—
June	24·8	14·1	31·4	6·9	35·3	2·2	57	44	32	16	8	—	—	—	—
July	27·4	16·4	32·9	11·0	36·0	8·9	55	43	50	30	8	—	—	—	—
August	26·6	15·5	34·3	9·2	38·3	6·6	56	41	44	40	8	—	—	—	—
September	20·3	9·9	29·2	1·4	32·5	−1·7	63	49	28	22	8	—	—	—	—
October	10·9	2·9	19·8	−6·7	23·6	−12·6	73	58	31	26	8	—	—	—	—
November	2·6	−2·7	10·2	−11·3	13·3	−17·6	85	77	44	22	12	—	—	—	—
December	−4·5	−9·9	3·6	−22·4	5·7	−26·4	83	81	49	17	18	—	—	—	—
Year	10·5	1·8	34·5*	−30·2*	38·3	−35·2	69	58	453	40	128	—	—	—	—
No. of years	7	7	7	7	7	7	4	4	7	7	7	—	—	—	—

Smolensk 54° 45′N 32° 04′E 241 m — Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−8·0	−14·9	0·2	−28·5	1·7	−32·5	84	80	35	11	20	45	18	7	20
February	−5·9	−13·5	1·1	−26·7	1·9	−30·3	83	73	33	13	18	83	30	10	11
March	−1·3	−8·7	4·7	−20·7	15·2	−28·1	87	73	45	23	18	136	37	12	10
April	9·1	0·6	19·9	−7·1	23·7	−15·9	83	66	40	26	14	148	35	13	7
May	17·9	7·3	24·7	0·9	28·7	−0·3	71	53	54	30	15	243	49	15	2
June	20·4	9·9	26·3	4·3	30·3	1·6	71	57	69	27	13	271	53	16	1
July	21·9	11·8	28·0	6·4	30·6	4·7	78	59	81	30	14	271	52	15	2
August	21·2	11·0	27·7	5·1	29·6	0·3	82	61	92	59	14	228	49	14	2
September	16·2	6·4	24·7	−0·5	27·5	−2·4	85	61	38	14	13	185	48	12	2
October	9·3	2·5	17·9	−6·5	22·8	−12·5	91	75	55	26	17	90	28	10	12
November	1·6	−3·2	10·2	−14·7	13·9	−19·7	91	85	60	27	18	29	11	7	22
December	−4·3	−9·8	2·3	−23·4	6·7	−28·3	87	85	51	18	22	15	1	5	24
Year	8·2	−0·1	28·8*	−29·5*	30·6	−32·5	83	69	653	59	196	1744	39	16	115
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Sochi 43° 35′N 39° 43′E Height not known — Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	10·3	3·3	17·4	−4·1	20·1	−13·1	71	68	201	69	17	70	24	9	14
February	10·4	3·7	17·5	−3·3	20·5	−12·3	69	65	126	47	14	125	42	10	7
March	12·5	5·3	20·7	−1·1	24·6	−3·3	73	68	130	59	15	137	37	11	8
April	16·1	8·7	25·7	3·1	29·0	−2·3	74	69	116	70	14	169	42	12	6
May	20·5	12·8	28·2	8·1	31·2	5·7	75	68	93	58	12	227	50	13	3
June	24·1	16·1	29·9	11·8	33·4	8·1	73	68	101	71	10	238	51	13	1
July	26·4	19·1	31·5	15·3	35·3	12·8	74	69	60	60	7	267	57	12	1
August	26·6	19·1	31·7	15·1	35·3	13·2	72	68	101	67	9	277	64	12	0
September	24·5	16·4	30·1	11·3	32·4	8·9	69	63	106	103	9	217	58	11	1
October	20·1	11·7	26·5	4·6	28·9	−3·2	71	64	91	55	9	207	60	10	3
November	16·9	9·5	23·8	3·9	26·3	−0·5	69	63	143	73	12	142	49	10	6
December	13·2	6·3	20·3	−2·1	22·8	−7·0	71	66	183	49	15	79	28	9	10
Year	18·5	11·0	33·1*	−6·6*	35·3	−13·1	72	67	1451	103	143	2155	48	13	60
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

*Average of highest/lowest each year

U.S.S.R.

Sortavala 61°43′N 30°43′E 18 m — Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−8·8	−16·9	−0·4	−29·9	3·3	−35·4	85	85	32	10	18	33	17	6	20
February	−7·5	−15·5	0·9	−28·9	2·2	−33·8	86	82	26	10	17	53	22	8	16
March	−1·2	−11·7	6·0	−27·3	9·6	−33·4	87	72	28	11	14	124	35	12	10
April	5·6	−2·3	12·5	−12·6	15·2	−23·4	79	65	32	17	12	163	37	14	5
May	13·1	3·0	20·5	−2·7	24·3	−5·5	69	58	37	23	13	237	43	17	3
June	18·5	7·9	25·0	1·9	28·2	−0·3	68	53	43	19	13	301	52	18	1
July	20·0	10·6	26·6	5·3	28·6	2·6	75	59	55	23	13	269	47	17	3
August	19·1	10·3	26·0	3·7	30·0	−1·0	81	62	66	26	16	253	51	16	1
September	13·5	6·5	20·9	−1·5	26·5	−4·1	89	73	77	33	17	114	29	12	7
October	7·4	1·9	13·0	−6·7	14·4	−13·0	89	78	74	22	19	67	22	10	15
November	1·1	−3·1	7·8	−13·2	10·1	−22·9	91	89	65	23	19	17	8	6	23
December	−4·3	−10·6	3·4	−23·3	5·2	−28·8	87	86	49	25	21	9	5	4	27
Year	6·4	−1·7	27·9*	−32·5*	30·0	−35·4	82	72	584	33	192	1640	36	18	131
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Syktyvkar 61°40′N 50°51′E 96 m — Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1530							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−14·9	−23·0	−2·5	−38·9	2·1	−45·3	79	79	28	7	20	—	—	—	—
February	−10·5	−19·0	−1·5	−34·3	2·5	−43·3	79	71	23	14	16	—	—	—	—
March	−3·1	−12·8	4·6	−27·3	9·8	−37·1	83	69	29	13	17	—	—	—	—
April	6·9	−3·5	17·0	−14·9	23·6	−22·8	75	61	31	19	11	—	—	—	—
May	14·1	3·4	24·2	−4·4	31·0	−11·4	65	53	37	25	12	—	—	—	—
June	18·6	7·6	28·5	−0·2	35·3	−1·6	64	54	46	16	14	—	—	—	—
July	22·2	11·8	30·7	5·0	32·8	3·9	72	58	83	43	13	—	—	—	—
August	19·5	9·4	27·9	2·5	30·5	0·5	78	61	49	16	14	—	—	—	—
September	12·6	4·7	22·0	−2·6	27·3	−5·1	85	70	47	25	16	—	—	—	—
October	3·1	−2·1	12·9	−13·7	16·2	−19·8	86	76	56	15	21	—	—	—	—
November	−4·2	−9·6	4·1	−23·8	7·5	−49·1	85	83	42	19	22	—	—	—	—
December	−10·3	−16·9	0·0	−31·7	3·0	−41·4	83	82	30	11	19	—	—	—	—
Year	4·5	−4·2	31·4*	−40·7*	35·3	−49·1	78	68	501	43	195	—	—	—	—
No. of years	8	8	8	8	8	8	4	4	8	8	8	—	—	—	—

Tambov 52°44′N 41°28′E 139 m — Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−8·4	−15·9	0·6	−28·1	2·0	−33·2	83	79	39	20	18	61	24	8	17
February	−6·6	−14·9	1·1	−27·8	3·6	−33·8	82	71	28	18	14	123	45	10	9
March	−1·2	−8·1	5·4	−20·2	12·7	−30·4	85	74	37	19	16	116	32	12	9
April	11·4	2·2	21·9	−5·1	26·4	−15·3	70	51	30	13	11	190	46	13	2
May	20·7	8·9	29·2	1·9	32·9	−1·1	54	37	54	37	11	275	57	15	1
June	23·1	11·8	30·0	4·7	31·9	0·9	62	46	44	42	12	278	56	15	1
July	24·8	13·9	31·5	7·8	34·0	6·4	67	51	95	49	14	293	59	16	1
August	24·3	12·7	32·7	6·5	36·4	3·7	67	47	47	30	10	271	60	14	2
September	18·5	7·6	27·4	0·3	30·9	−2·2	74	51	50	43	12	187	49	13	3
October	9·8	2·1	18·9	−7·6	23·6	−14·7	83	66	34	31	14	114	35	11	9
November	1·9	−3·4	9·3	−14·2	14·5	−19·6	89	81	55	21	18	59	22	8	17
December	−4·5	−10·1	2·8	−23·3	5·8	−28·1	86	84	55	19	21	32	13	7	21
Year	9·5	0·6	33·4*	−29·9*	36·4	−33·8	75	61	568	49	171	1999	45	16	92
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

*Average of highest/lowest each year

Troitsko-Pechorskiy 62° 42′N 56° 12′E 107 m Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1530							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−16·8	−25·6	−3·9	−43·2	1·3	−49·7	79	79	36	9	21	13	7	5	25
February	−11·9	−21·4	−3·5	−37·0	1·7	−45·7	80	73	29	13	18	82	34	9	10
March	−4·6	−15·4	4·1	−32·6	10·8	−42·9	78	65	32	19	19	102	28	12	10
April	5·3	−6·2	14·8	−21·7	24·0	−31·7	69	58	36	18	13	168	38	15	7
May	12·3	0·8	23·6	−8·2	29·6	−15·2	61	53	51	25	13	230	42	18	6
June	17·9	5·8	28·6	−3·1	32·7	−6·6	59	52	51	38	13	259	44	19	2
July	22·4	10·6	31·2	2·9	34·0	0·1	68	60	66	27	14	269	46	18	1
August	17·9	7·7	27·2	−0·2	29·7	−2·5	79	66	89	25	16	201	40	16	4
September	11·6	3·2	21·6	−3·7	26·5	−6·6	82	71	60	31	18	114	29	14	7
October	1·6	−4·1	11·1	−18·9	13·2	−25·7	85	79	66	22	22	52	17	10	17
November	−4·9	−11·3	3·4	−29·1	7·5	−44·4	87	87	50	13	22	15	7	6	23
December	−12·7	−20·4	−0·7	−36·3	2·8	−48·6	84	84	44	13	21	11	7	4	25
Year	3·2	−6·4	31·4*	−44·8*	34·0	−49·7	76	69	610	38	210	1516	34	19	137
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Tselina 46° 33′N 41° 03′E 112 m Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−1·4	−8·1	6·8	−18·7	10·3	−25·4	90	83	46	16	16	—	—	—	—
February	−0·5	−7·4	9·0	−20·9	21·3	−26·2	88	82	34	17	12	—	—	—	—
March	5·8	−2·1	17·0	−13·2	20·6	−21·6	86	70	34	19	13	—	—	—	—
April	16·5	4·7	25·3	−2·1	27·0	−7·3	69	47	26	14	8	—	—	—	—
May	23·5	10·5	30·2	3·5	33·3	−0·9	61	42	44	37	9	—	—	—	—
June	26·9	13·9	33·4	7·4	37·3	3·6	65	46	58	54	11	—	—	—	—
July	30·2	16·3	36·3	11·3	39·3	9·3	54	37	33	45	7	—	—	—	—
August	29·6	15·8	35·3	8·6	38·9	1·4	60	38	35	39	7	—	—	—	—
September	24·1	10·7	32·3	1·8	26·3	−1·3	65	41	19	21	5	—	—	—	—
October	16·1	4·6	24·2	−4·7	26·0	−9·9	80	56	28	22	6	—	—	—	—
November	8·7	1·4	17·2	−8·9	20·9	−14·0	89	73	41	32	11	—	—	—	—
December	2·4	−3·5	11·1	−17·4	12·8	−25·3	93	88	61	23	17	—	—	—	—
Year	15·1	4·7	37·0*	−23·1*	39·3	−26·2	75	59	459	54	122	—	—	—	—
No. of years	8	8	8	8	8	8	4	4	8	8	8	—	—	—	—

Tsimlyanskaya 47° 44′N 42° 15′E 104 m Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−3·3	−9·3	4·9	−19·8	8·6	−25·6	87	81	39	19	16	68	25	8	14
February	−2·7	−9·5	6·3	−21·5	15·5	−28·5	85	77	30	17	12	101	35	10	10
March	3·0	−3·3	12·2	−13·7	16·7	−24·4	85	72	27	29	11	140	38	12	9
April	14·3	4·8	23·8	−0·6	26·5	−4·5	71	50	27	15	10	215	53	14	2
May	22·1	11·9	28·6	5·4	30·3	2·1	61	43	42	30	10	306	65	15	1
June	25·9	15·4	32·5	8·5	35·4	3·6	64	49	46	31	9	298	62	15	1
July	29·1	18·1	35·5	11·9	38·2	9·9	57	40	26	65	6	340	70	15	0
August	28·0	17·5	34·0	10·3	36·2	4·8	63	44	32	37	5	280	63	14	1
September	22·5	12·2	30·3	3·6	32·9	0·7	65	44	18	32	6	238	63	12	1
October	14·1	5·3	22·1	−4·4	25·1	−10·0	79	59	28	29	7	175	52	11	3
November	6·7	1·0	13·6	−8·4	16·0	−14·2	86	75	36	14	11	85	30	9	11
December	0·3	−4·8	7·9	−18·5	10·8	−26·3	88	83	55	20	16	34	13	7	22
Year	13·3	4·9	35·6*	−23·0*	38·2	−28·5	74	60	406	65	119	2280	51	15	75
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

*Average of highest/lowest each year

Ufa 54° 45′N 56° 00′E 197 m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1530							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−11·5	−20·4	−0·9	−38·0	2·2	−45·8	82	76	41	17	17	60	25	7	13
February	−8·5	−20·0	0·9	−33·8	4·6	−40·0	81	72	29	13	11	108	39	9	8
March	−1·6	−11·9	5·9	−28·5	11·8	−32·7	83	72	32	15	15	130	35	12	6
April	10·1	−1·5	20·1	−12·7	27·5	−29·7	68	55	23	16	7	226	53	14	3
May	19·7	6·9	29·3	−2·2	31·5	−7·9	59	47	50	21	14	247	49	15	4
June	22·6	10·4	31·6	1·8	34·7	−0·5	61	49	64	39	14	282	55	16	1
July	25·3	13·7	32·2	7·6	34·2	6·5	68	59	56	32	13	265	51	15	1
August	22·8	10·3	29·7	3·0	34·4	−0·1	63	47	55	28	13	295	64	14	1
September	17·6	5·7	27·2	−2·3	30·4	−5·0	67	49	43	28	13	170	44	13	3
October	7·2	−0·5	18·3	−11·3	23·0	−21·4	78	67	52	17	16	95	29	11	10
November	−0·2	−7·0	6·3	−19·5	10·4	−27·6	85	79	44	17	15	59	23	8	14
December	−7·7	−16·1	2·1	−30·6	5·0	−39·1	83	79	51	14	17	54	24	6	16
Year	8·0	2·5	33·1*	−39·0*	34·7	−45·8	73	63	540	39	165	1991	44	16	80
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Ust′-Tsil′ma 65° 27′N 52° 10′E 27 m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1530							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−16·4	−24·6	−3·2	−39·9	1·3	−44·8	79	80	30	9	20	9	6	4	26
February	−12·9	−20·2	−3·4	−35·2	1·0	−45·6	81	77	23	7	18	66	29	9	12
March	−6·5	−16·2	3·1	−29·5	9·7	−41·2	81	72	31	13	19	101	28	12	9
April	2·5	−7·5	12·4	−21·6	16·1	−27·9	75	63	31	13	13	173	38	15	5
May	8·0	−0·7	19·7	−11·1	25·3	−18·3	68	59	43	22	14	231	40	18	5
June	15·0	5·4	26·3	−2·2	32·7	−5·1	66	56	53	27	14	250	37	20	3
July	19·7	10·4	29·6	3·1	31·5	1·3	72	60	61	26	15	271	43	20	1
August	16·6	8·2	25·8	0·9	30·0	−0·7	81	68	65	28	17	189	37	17	3
September	9·5	3·5	18·1	−2·1	24·5	−5·4	86	73	65	36	19	96	24	13	8
October	0·8	−3·7	9·9	−14·8	13·3	−20·0	87	81	63	19	22	50	17	10	15
November	−5·5	−11·6	3·1	−27·1	7·2	−42·1	87	87	43	13	21	11	6	5	24
December	−12·1	−19·3	0·2	−35·5	2·5	−44·1	84	84	33	11	20	4	4	3	29
Year	1·6	−6·4	30·1*	−42·1*	32·7	−45·6	79	72	541	36	212	1451	32	20	140
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Velikiye Luki 56° 23′N 30° 36′E 98 m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−7·1	−15·1	1·6	−29·9	3·1	−34·9	81	76	27	9	19	47	20	8	17
February	−4·7	−13·9	2·1	−27·7	3·0	−32·7	79	71	26	14	15	85	31	10	11
March	0·3	−9·5	6·8	−22·4	15·5	−30·5	86	70	28	13	14	133	36	11	9
April	10·2	0·3	20·1	−7·8	22·5	−19·9	82	63	31	13	11	154	36	14	6
May	18·3	6·2	25·7	−1·0	27·6	−6·1	76	54	68	23	16	260	51	15	2
June	21·3	8·9	27·4	2·1	30·6	−1·3	75	55	52	25	12	307	58	17	1
July	22·5	10·5	29·2	4·9	33·5	3·1	83	63	78	58	14	276	52	16	3
August	21·4	9·8	28·1	3·0	31·5	−2·7	87	59	57	24	13	244	52	15	1
September	16·6	6·0	24·7	−2·5	28·2	−6·5	89	62	42	23	13	170	44	12	3
October	9·9	2·2	17·4	−7·5	23·8	−17·3	89	72	47	27	15	83	25	11	9
November	2·4	−3·2	10·9	−16·6	15·8	−28·1	89	81	54	29	16	33	13	8	20
December	−3·4	−9·7	3·3	−23·9	6·6	−31·4	85	83	36	11	19	24	10	6	22
Year	9·0	−0·6	29·7*	−32·3*	33·5	−34·9	83	67	546	58	177	1816	40	17	104
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

*Average of highest/lowest each year

Vereb'yë 58°41′N 32°42′E 116 m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature: Average daily Max.	Temperature: Average daily Min.	Temperature: Average monthly Max.	Temperature: Average monthly Min.	Temperature: Absolute Max.	Temperature: Absolute Min.	Relative humidity: Average of observations at 0800	Relative humidity: Average of observations at 1400	Precipitation: Average monthly fall	Precipitation: Maximum fall in 24 h	Precipitation: Average No. of days with 0·1 mm or more	Bright sunshine: Average monthly duration	Bright sunshine: Average per cent of possible	Bright sunshine: Maximum duration in one day	Bright sunshine: Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−8·5	−16·1	0·3	−31·9	2·3	−35·3	81	78	40	12	21	39	18	7	18
February	−5·9	−13·9	1·2	−30·0	1·9	−40·1	79	69	27	14	18	69	27	9	13
March	−0·2	−9·7	6·4	−23·9	10·3	−30·7	85	63	53	22	17	125	34	12	10
April	8·4	−0·7	17·7	−11·7	19·7	−20·2	77	61	47	29	15	141	33	14	9
May	16·5	4·9	24·8	−2·3	28·2	−6·3	68	54	61	38	17	235	45	16	2
June	20·2	7·7	26·1	−0·3	29·9	−1·7	67	50	69	36	15	328	59	17	1
July	21·4	10·3	28·4	2·3	30·5	−1·1	79	63	102	84	17	260	47	17	2
August	20·2	10·4	26·5	2·8	29·0	−3·4	83	62	74	53	16	232	48	14	2
September	15·1	6·4	23·3	−1·9	28·4	−4·3	88	67	69	23	16	145	37	12	3
October	8·0	2·0	15·5	−6·6	21·8	−12·4	90	77	82	27	19	64	20	10	13
November	0·6	−3·8	9·1	−15·7	13·0	−24·3	90	84	63	25	19	25	11	8	22
December	−4·9	−10·6	2·5	−25·4	5·0	−30·0	86	84	51	16	23	13	1	5	25
Year	7·6	−1·1	28·8*	−33·1*	30·5	−40·1	81	68	738	84	213	1676	37	17	120
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Vologda 59°17′N 39°52′E 118 m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature: Average daily Max.	Temperature: Average daily Min.	Temperature: Average monthly Max.	Temperature: Average monthly Min.	Temperature: Absolute Max.	Temperature: Absolute Min.	Relative humidity: Average of observations at 0830	Relative humidity: Average of observations at 1430	Precipitation: Average monthly fall	Precipitation: Maximum fall in 24 h	Precipitation: Average No. of days with 0·1 mm or more	Bright sunshine: Average monthly duration	Bright sunshine: Average per cent of possible	Bright sunshine: Maximum duration in one day	Bright sunshine: Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−11·1	−19·5	−1·0	−35·1	2·2	−39·3	82	81	30	9	19	—	—	—	—
February	−8·5	−17·6	−0·3	−31·9	1·6	−38·0	84	74	18	10	14	—	—	—	—
March	−1·6	−11·1	5·5	−25·6	9·5	−33·3	86	71	26	17	16	—	—	—	—
April	7·9	−1·6	17·3	−13·0	20·0	−23·2	79	63	36	17	13	—	—	—	—
May	16·2	5·1	25·2	−1·6	28·6	−4·0	65	52	50	28	14	—	—	—	—
June	19·8	8·1	26·2	0·7	31·6	−0·7	63	51	51	26	13	—	—	—	—
July	21·5	10·8	28·7	4·3	31·4	3·2	73	59	77	37	14	—	—	—	—
August	20·7	9·8	27·2	2·3	29·8	−1·0	80	61	68	24	14	—	—	—	—
September	14·4	5·7	22·7	−2·4	28·5	−5·9	89	68	62	26	16	—	—	—	—
October	6·6	0·7	15·6	−9·8	22·4	−19·5	87	75	52	18	19	—	—	—	—
November	−0·3	−5·2	7·5	−19·4	10·7	−28·5	89	85	37	14	18	—	—	—	—
December	−6·5	−12·8	1·9	−27·9	3·0	−34·3	84	83	39	10	21	—	—	—	—
Year	6·6	−2·3	29·2*	−35·2*	31·6	−39·3	80	69	546	37	191	—	—	—	—
No. of years	8	8	8	8	8	8	4	4	8	8	8	—	—	—	—

Voronezh 51°42′N 39°10′E 164 m

Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature: Average daily Max.	Temperature: Average daily Min.	Temperature: Average monthly Max.	Temperature: Average monthly Min.	Temperature: Absolute Max.	Temperature: Absolute Min.	Relative humidity: Average of observations at 0830	Relative humidity: Average of observations at 1430	Precipitation: Average monthly fall	Precipitation: Maximum fall in 24 h	Precipitation: Average No. of days with 0·1 mm or more	Bright sunshine: Average monthly duration	Bright sunshine: Average per cent of possible	Bright sunshine: Maximum duration in one day	Bright sunshine: Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−7·1	−14·4	1·5	−27·2	4·6	−33·1	85	78	43	15	16	69	27	8	17
February	−5·5	−13·6	2·1	−27·2	5·6	−36·0	80	71	31	13	14	104	37	10	11
March	0·0	−6·8	7·3	−19·0	12·8	−32·0	83	71	31	19	14	119	32	11	11
April	12·2	2·8	22·9	−4·3	26·4	−12·0	69	52	38	21	11	189	45	13	5
May	21·0	9·0	29·1	2·1	32·4	−1·5	57	37	42	21	10	277	57	14	1
June	23·3	11·6	29·6	4·4	31·4	−1·6	64	48	53	34	12	266	53	15	0
July	25·4	13·9	32·3	7·8	34·4	5·6	67	49	74	39	11	298	59	15	1
August	24·9	12·1	33·3	6·2	36·6	0·4	68	48	50	38	11	245	54	14	2
September	19·1	7·9	27·7	−0·2	31·3	−1·9	71	49	51	38	9	202	53	12	3
October	11·1	2·6	19·9	−6·9	24·5	−11·5	79	60	25	12	11	123	37	10	5
November	3·0	−2·6	10·4	−13·1	13·8	−22·2	89	81	53	14	15	56	21	8	17
December	−3·2	−8·8	5·0	−21·7	9·6	−27·6	87	84	58	17	19	33	13	7	20
Year	10·3	1·1	33·9*	−29·1*	36·6	−36·0	75	61	549	39	153	1981	44	15	93
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

*Average of highest/lowest each year

U.S.S.R.

Vytegra 61° 01′N 36° 27′E 59 m — Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−10·8	−18·9	−1·4	−35·8	2·6	−39·6	82	82	38	11	20	33	17	6	20
February	−8·1	−16·4	0·7	−30·5	2·9	−36·5	82	74	22	8	16	64	26	8	12
March	−1·7	−11·9	6·4	−27·2	10·4	−35·1	85	75	36	10	17	98	27	12	13
April	6·7	−1·7	16·3	−14·2	18·8	−22·0	79	69	47	19	13	150	34	17	9
May	14·5	3·9	23·6	−2·8	28·0	−6·9	67	57	54	38	14	240	45	18	5
June	18·8	7·6	26·2	−1·1	28·9	−4·5	66	54	55	40	12	313	55	18	1
July	20·7	10·3	28·6	3·3	32·4	0·8	75	61	60	32	14	281	49	17	3
August	20·1	10·2	26·7	2·0	31·0	−1·6	80	61	61	29	14	211	43	15	4
September	13·9	6·4	22·5	−0·9	28·2	−4·8	88	72	88	36	18	101	26	12	9
October	6·8	1·4	14·2	−9·4	17·5	−19·4	88	77	82	32	20	49	16	8	18
November	0·0	−4·4	7·3	−15·8	10·9	−27·6	90	87	49	14	19	20	9	6	23
December	−5·5	−11·7	2·4	−27·4	4·2	−37·1	84	85	49	15	22	8	5	4	27
Year	6·3	−2·1	29·3*	−35·9*	32·4	−39·6	81	71	641	40	199	1568	35	18	144
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Yelat′ma 54° 57′N 41° 46′E 136 m — Russian S.F.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−10·8	−18·5	−0·5	−32·6	1·9	−35·1	81	77	44	13	16	53	22	7	17
February	−7·3	−16·2	0·6	−29·2	4·3	−37·9	81	69	34	17	15	116	43	10	9
March	−1·3	−9·5	5·3	−20·6	10·7	−31·4	85	72	36	13	15	131	36	12	9
April	10·5	1·3	19·3	−7·4	22·1	−16·4	75	57	32	21	10	207	49	16	2
May	19·3	8·3	27·8	0·7	31·2	−2·7	62	45	40	22	11	290	58	15	1
June	21·5	10·3	27·7	2·7	30·9	−0·7	67	52	48	23	12	291	57	17	1
July	23·6	13·0	30·0	6·8	31·4	5·4	70	54	82	54	14	286	55	16	2
August	22·7	11·7	30·2	4·7	34·2	0·6	72	52	65	36	11	256	55	14	2
September	17·2	7·3	25·8	−0·2	29·9	−3·3	82	57	49	48	12	166	43	13	3
October	8·5	1·3	18·3	−8·9	21·8	−18·9	87	73	51	28	13	88	27	11	11
November	0·6	−3·5	7·9	−17·3	10·9	−21·3	92	85	58	22	17	41	16	9	20
December	−5·5	−11·4	2·3	−24·7	3·8	−29·3	84	81	54	14	20	29	13	6	21
Year	8·3	−0·5	31·1*	−33·7*	34·2	−37·9	78	65	593	54	166	1954	43	17	98
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Chernovtsy 48° 16′N 25° 58′E 240 m — Ukrainian S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−3·3	−10·1	5·6	−20·6	7·6	−30·7	86	79	41	17	19	53	19	8	16
February	−0·4	−6·9	8·9	−19·9	13·4	−24·1	89	80	43	15	18	62	21	10	13
March	4·1	−3·3	13·7	−14·3	24·1	−20·7	85	64	50	29	14	135	37	12	6
April	14·1	3·5	24·1	−3·6	27·4	−13·6	79	51	56.	31	10	183	45	13	5
May	20·4	9·1	29·0	2·7	33·5	−0·9	75	50	63	27	13	235	50	14	3
June	23·5	12·3	30·7	6·8	35·6	3·2	76	56	112	78	13	257	54	15	1
July	24·3	13·2	30·6	9·3	33·6	7·7	79	56	112	86	15	265	55	15	2
August	24·2	13·0	30·5	7·3	35·1	3·4	84	59	46	30	11	248	56	14	2
September	20·8	9·3	27·6	2·9	30·1	1·6	86	55	44	45	9	190	50	12	3
October	14·9	4·7	23·7	−1·9	27·0	−4·0	90	63	28	29	9	155	46	10	4
November	7·6	0·9	16·6	−8·6	22·5	−16·6	89	77	38	33	12	63	23	8	15
December	−0·9	−6·5	7·7	−18·3	13·3	−22·8	88	81	40	20	15	44	17	7	19
Year	12·4	3·3	32·4*	−22·2*	35·6	−30·7	84	64	673	86	158	1890	42	15	89
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

*Average of highest/lowest each year

Debal'tsevo 48° 21′N 38° 26′E 334 m — Ukrainian S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0830	Average of observations at 1430	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−4·6	−11·3	2·8	−21·6	6·3	−27·4	89	86	58	21	19	49	18	8	19
February	−3·3	−9·7	5·3	−21·9	15·4	−29·5	89	82	42	21	16	70	24	10	13
March	1·8	−4·3	11·4	−15·1	17·8	−26·5	87	74	39	29	15	118	32	12	11
April	13·1	3·8	22·9	−2·9	26·0	−8·1	66	48	37	31	11	201	55	13	3
May	20·8	10·2	28·2	3·6	31·1	−0·6	55	39	36	23	10	281	60	15	1
June	23·9	13·4	30·9	6·8	35·5	2·1	62	48	68	62	11	267	56	15	1
July	26·3	15·5	32·3	9·7	35·8	8·0	59	42	53	76	8	338	70	15	0
August	25·5	14·9	32·6	8·1	36·7	2·1	63	43	42	30	8	277	62	14	0
September	20·4	9·9	28·4	1·8	30·7	−0·5	65	45	32	30	7	227	60	12	1
October	12·2	4·1	20·8	−5·6	23·1	−12·0	81	61	27	28	9	159	47	10	5
November	5·1	−0·6	13·5	−9·4	16·3	−14·8	90	80	44	24	15	62	22	9	16
December	−1·3	−6·4	6·9	−20·6	9·1	−29·7	91	89	80	19	22	29	11	8	21
Year	11·7	3·3	33·9*	−25·1*	36·7	−29·7	75	61	558	76	151	2078	46	15	91
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Genichesk 46° 10′N 34° 49′E 15 m — Ukrainian S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0830	Average of observations at 1430	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·1	−5·8	7·3	−15·6	9·7	−21·2	90	86	46	16	17	46	16	8	17
February	0·8	−4·5	8·5	−15·5	14·4	−20·8	91	85	34	14	15	73	25	9	11
March	4·8	−0·8	12·2	−8·2	16·3	−14·2	88	79	36	27	13	131	36	11	9
April	12·5	5·6	21·5	−1·0	25·0	−6·7	79	70	31	20	12	207	51	12	3
May	20·3	12·3	27·2	5·5	30·1	2·0	69	60	45	45	8	299	65	14	1
June	25·0	15·5	32·1	8·8	37·1	5·8	69	59	67	95	9	354	75	14	0
July	28·0	17·7	33·0	12·4	36·4	11·5	63	53	24	46	6	337	71	15	0
August	27·4	17·3	33·0	10·8	35·3	6·0	68	55	28	57	5	308	70	13	0
September	22·6	13·2	28·7	6·2	30·0	3·5	73	57	33	25	7	238	63	12	1
October	15·9	7·5	23·2	−1·0	24·5	−6·1	85	67	18	22	9	202	59	10	3
November	9·6	4·0	16·8	−4·4	19·4	−10·7	92	85	33	18	14	53	19	8	16
December	4·3	−0·9	11·6	−11·7	14·5	−19·2	91	87	50	24	16	39	14	7	17
Year	14·3	6·8	34·7*	−18·8*	37·1	−21·2	80	70	445	95	131	2287	51	15	78
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Izmail 45° 22′N 28° 52′E 30 m — Ukrainian S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0800	Average of observations at 1400	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·3	−6·9	9·2	−16·8	12·4	−21·0	86	79	53	44	14	65	23	8	14
February	3·3	−3·6	13·2	−14·4	18·7	−22·7	89	76	57	34	14	83	28	10	11
March	7·7	−0·5	18·7	−7·9	23·6	−10·9	85	63	34	36	11	148	40	12	6
April	16·1	4·9	24·4	−2·5	28·0	−10·6	75	49	26	14	9	219	54	13	2
May	22·5	11·0	29·4	4·6	34·7	1·5	71	47	42	24	9	285	62	14	1
June	25·9	14·1	32·3	9·4	34·5	5·6	67	49	55	50	10	305	65	14	1
July	27·5	15·4	33·2	11·0	36·6	9·9	68	50	70	76	10	310	66	14	1
August	27·6	15·3	32·6	10·4	35·1	4·5	72	49	42	59	7	293	67	14	0
September	23·5	11·3	29·7	4·5	35·9	3·1	79	53	55	38	7	223	59	12	1
October	17·8	6·3	24·6	−1·1	27·2	−3·6	87	53	14	17	5	209	61	10	2
November	11·4	2·9	20·6	−6·4	24·7	−16·5	89	71	37	27	9	80	28	8	13
December	3·6	−2·7	13·8	−12·9	16·3	−16·3	89	79	71	41	14	47	17	8	17
Year	15·6	5·6	34·5*	−18·4*	36·6	−22·7	80	60	556	76	119	2267	51	14	69
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

*Average of highest/lowest each year

Kerch′ 45° 22′N 36° 26′E Height not known

Ukrainian S.S.R.

Period 1962–69	Temperature						Relative humidity		Precipitation			Bright sunshine			
Bibliography 65	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·5	−3·4	10·4	−13·4	13·7	−20·1	87	81	40	19	15	49	17	9	14
February	3·3	−3·5	11·6	−14·0	15·6	−20·3	86	77	34	17	13	92	32	10	9
March	7·1	−0·6	15·5	−7·6	17·1	−12·3	84	69	24	18	10	141	38	12	8
April	14·0	5·1	21·8	−2·9	24·3	−6·5	74	60	29	25	10	205	51	13	3
May	20·5	10·6	27·3	4·3	29·5	−0·6	69	55	38	33	8	297	64	14	1
June	25·0	14·8	31·0	8·5	34·9	6·4	66	57	41	36	7	309	66	14	0
July	27·6	17·6	32·8	12·6	36·0	11·7	59	50	35	67	5	351	74	14	0
August	27·2	17·1	32·0	11·9	33·7	9·4	66	53	50	51	5	311	71	13	0
September	23·0	12·6	28·8	5·7	32·2	2·4	69	53	32	48	6	253	67	13	1
October	16·9	6·4	23·8	−1·4	25·2	−4·6	81	61	24	12	11	211	62	11	1
November	11·5	4·5	18·9	−3·3	21·9	−7·9	89	76	31	14	12	90	32	9	9
December	6·7	0·8	14·5	−10·1	16·6	−15·3	89	83	50	27	16	43	16	8	16
Year	15·4	6·8	33·6•	−16·8•	36·0	−20·3	77	65	428	67	118	2352	53	14	62
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Khar′kov 49° 56′N 36° 17′E 152 m

Ukrainian S.S.R.

Period 1962–69	Temperature						Relative humidity		Precipitation			Bright sunshine			
Bibliography 65	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−4·9	−11·8	3·3	−23·6	6·2	−28·4	85	79	50	19	18	39	15	7	19
February	−3·2	−10·0	4·3	−23·3	10·6	−29·8	85	76	38	15	14	63	22	9	13
March	2·2	−4·4	11·3	−16·1	16·7	−32·2	87	68	31	16	13	118	32	12	9
April	13·7	3·9	23·7	−2·9	25·9	−8·1	70	48	31	17	10	187	45	14	3
May	22·1	10·2	29·7	3·1	31·8	0·0	58	45	28	19	10	275	58	14	1
June	24·6	12·9	31·3	7·4	33·1	4·2	62	43	51	50	9	274	56	15	1
July	26·7	15·1	32·8	10·2	35·4	7·4	65	42	43	22	10	309	63	15	0
August	26·2	14·3	33·6	7·9	36·8	2·2	65	44	64	72	9	252	56	13	1
September	21·0	9·1	28·9	1·1	32·7	−2·0	71	46	29	32	7	215	57	12	3
October	12·9	4·1	21·7	−4·7	25·2	−7·7	83	58	20	13	8	149	45	10	5
November	5·1	−0·6	13·5	−10·5	17·3	−19·4	86	76	47	19	14	57	21	8	13
December	−1·1	−6·2	8·6	−19·6	13·0	−27·0	89	86	64	22	20	25	10	7	23
Year	12·1	3·1	34·4•	−26·5•	36·8	−32·2	75	59	496	72	142	1963	44	15	91
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Kiyev (Kiev) 50° 24′N 30° 27′E 179 m

Ukrainian S.S.R.

Period 1962–69	Temperature						Relative humidity		Precipitation			Bright sunshine			
Bibliography 65	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−4·4	−10·2	2·9	−20·0	7·7	−24·9	87	81	58	19	18	—	—	—	—
February	−2·1	−8·4	4·9	−19·6	9·4	−22·4	87	75	59	34	18	—	—	—	—
March	2·5	−3·8	10·6	−12·9	22·4	−24·9	86	69	51	18	16	—	—	—	—
April	13·5	4·9	23·5	−2·0	27·0	−6·2	77	56	45	20	11	—	—	—	—
May	20·7	10·7	28·7	3·8	30·1	−0·8	69	50	49	27	13	—	—	—	—
June	23·7	13·6	30·9	8·1	34·0	3·9	71	51	55	43	11	—	—	—	—
July	24·9	15·0	31·9	10·7	34·2	9·1	73	53	91	45	13	—	—	—	—
August	24·2	14·3	31·5	8·8	34·6	3·3	78	55	91	73	12	—	—	—	—
September	19·9	9·9	27·2	3·7	29·6	1·9	80	54	30	71	8	—	—	—	—
October	13·2	5·5	21·9	−2·9	26·3	−4·9	87	65	33	20	10	—	—	—	—
November	5·5	−0·2	14·3	−7·8	18·1	−17·0	92	82	56	49	15	—	—	—	—
December	−1·3	−5·8	6·5	−16·5	10·8	−24·3	89	84	59	22	19	—	—	—	—
Year	11·7	3·8	32·9•	−22·6•	34·6	−24·9	81	65	677	73	164	—	—	—	—
No. of years	8	8	8	8	8	8	4	4	8	8	8	—	—	—	—

•Average of highest/lowest each year

U.S.S.R.

Lubny 50° 01′N 33° 00′E 156 m Ukrainian S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−4·9	−11·4	2·4	−21·3	5·6	−29·7	87	81	59	21	17	—	—	—	—
February	−3·1	−9·5	3·6	−21·2	9·2	−26·0	87	78	50	23	16	—	—	—	—
March	1·7	−4·4	9·4	−14·5	20·4	−27·0	89	74	41	27	15	—	—	—	—
April	13·4	4·2	23·3	−2·8	26·5	−9·5	75	55	33	34	10	—	—	—	—
May	21·3	10·2	28·9	3·7	31·7	−1·3	66	45	44	43	11	—	—	—	—
June	24·0	12·7	31·0	7·3	33·7	5·7	67	50	48	35	10	—	—	—	—
July	25·5	14·7	31·8	9·7	33·1	8·1	69	49	70	43	11	—	—	—	—
August	25·0	14·0	32·4	8·0	35·5	2·7	71	49	59	32	10	—	—	—	—
September	20·5	9·1	27·7	1·3	31·0	−2·2	73	48	27	27	6	—	—	—	—
October	13·2	4·2	22·1	−4·0	26·7	−6·5	86	64	26	21	8	—	—	—	—
November	4·9	−0·3	14·0	−9·0	18·6	−17·4	91	83	58	28	15	—	—	—	—
December	−1·4	−6·5	6·0	−19·1	11·2	−26·5	91	88	69	19	20	—	—	—	—
Year	11·7	3·1	33·0*	−24·7*	35·5	−29·7	79	64	584	43	149	—	—	—	—
No. of years	8	8	8	8	8	8	4	4	8	8	8	—	—	—	—

L′vov (Lwów) 49° 49′N 23° 57′E 325 m Ukrainian S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−3·0	−9·8	4·1	−21·1	8·0	−26·2	86	79	45	16	18	—	—	—	—
February	−0·9	−7·3	5·4	−19·3	13·6	−27·9	89	79	63	25	19	—	—	—	—
March	3·3	−3·7	12·7	−14·9	21·7	−24·4	87	67	49	28	17	—	—	—	—
April	13·3	3·6	23·6	−2·9	27·4	−5·7	81	58	45	40	11	—	—	—	—
May	18·7	8·4	26·9	2·1	29·9	−2·3	78	55	68	43	16	—	—	—	—
June	22·0	11·8	29·2	5·8	32·9	2·4	79	58	100	86	14	—	—	—	—
July	23·1	12·9	30·4	8·0	32·8	6·2	82	57	103	70	14	—	—	—	—
August	22·4	12·4	29·1	6·8	33·4	4·6	85	60	92	52	13	—	—	—	—
September	19·2	9·3	26·4	2·7	27·9	0·4	87	59	48	25	10	—	—	—	—
October	13·7	4·7	21·9	−1·8	25·3	−3·2	89	66	40	27	11	—	—	—	—
November	6·6	1·0	15·9	−7·3	19·4	−17·6	90	79	58	27	15	—	—	—	—
December	−1·3	−6·6	6·3	−16·1	12·0	−19·0	88	82	58	20	20	—	—	—	—
Year	11·4	3·1	30·9*	−22·4*	33·4	−27·9	85	67	769	86	178	—	—	—	—
No. of years	8	8	8	8	8	8	4	4	8	8	8	—	—	—	—

Odessa 46° 29′N 30° 38′E 64 m Ukrainian S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·0	−5·7	8·1	−14·7	10·3	−20·4	86	80	57	28	14	51	18	8	15
February	1·5	−3·8	9·9	−13·5	18·0	−18·9	90	81	62	28	14	66	23	10	13
March	4·9	−0·5	13·3	−7·2	17·1	−11·6	83	73	30	17	11	139	38	11	7
April	12·4	5·9	21·5	−0·6	26·5	−5·0	77	67	21	19	10	208	51	13	2
May	18·9	11·9	25·7	5·8	30·9	0·3	73	66	34	47	9	293	63	14	1
June	23·4	15·6	30·0	11·7	35·6	6·7	70	61	34	39	9	291	61	14	1
July	26·1	17·7	32·3	13·1	34·5	11·3	67	55	42	44	7	320	67	14	1
August	25·7	17·5	31·8	12·1	34·4	8·5	70	56	37	48	7	303	69	13	0
September	21·4	13·6	27·1	7·5	31·1	4·5	73	59	37	35	6	226	60	12	1
October	15·6	8·6	22·3	0·7	24·4	−2·0	81	66	13	13	6	178	53	11	4
November	9·9	4·2	17·3	−3·8	20·6	−11·7	87	79	35	20	11	59	21	9	16
December	3·7	−1·6	10·8	−10·4	12·8	−17·5	88	81	71	27	15	43	16	8	17
Year	13·6	6·9	33·5*	−16·5*	35·6	−20·4	79	69	473	48	119	2177	49	14	78
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

*Average of highest/lowest each year

U.S.S.R.

Simferopol’ 45° 01′N 33° 59′E 205 m

Ukrainian S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	2·9	−4·5	13·4	−14·1	17·2	−19·5	87	79	46	19	15	69	24	8	12
February	4·6	−3·1	15·3	−12·8	20·7	−20·8	84	73	37	24	15	110	37	10	7
March	8·6	−0·5	20·5	−8·1	27·5	−13·6	79	61	40	21	12	156	42	11	7
April	15·6	4·9	25·2	−2·0	31·0	−9·2	67	49	28	30	9	220	54	13	2
May	21·6	10·1	29·1	5·0	31·5	1·0	62	47	38	48	9	307	67	15	0
June	25·3	13·7	31·8	8·5	34·2	6·8	64	47	35	19	9	321	69	15	0
July	27·7	15·7	33·3	11·9	34·5	10·1	63	45	64	63	8	343	73	15	1
August	27·7	15·3	33·4	9·9	36·6	3·8	64	42	39	33	6	313	72	13	0
September	23·2	11·5	30·5	5·3	35·9	3·2	70	46	36	25	7	256	68	12	0
October	17·3	6·6	26·3	−0·3	29·5	−4·9	79	52	24	20	6	233	68	11	1
November	12·3	4·2	21·6	−4·2	26·4	−9·6	86	71	43	16	13	120	42	10	9
December	6·9	0·1	17·4	−10·9	20·9	−17·5	87	81	52	31	16	65	24	8	12
Year	16·1	6·2	34·5*	−16·4*	36·6	−20·8	74	58	482	63	125	2513	56	15	51
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Uzhgorod 48° 38′N 22° 16′E 118 m

Ukrainian S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−1·6	−8·3	5·8	−20·3	8·8	−27·5	83	75	49	27	15	55	20	9	19
February	2·5	−4·8	8·6	−16·4	14·6	−24·2	85	73	58	30	15	69	24	10	13
March	7·2	−0·2	15·7	−8·4	21·9	−15·5	76	61	54	20	13	134	37	12	9
April	16·5	5·7	25·3	−1·6	27·8	−3·6	73	49	32	15	9	191	47	13	5
May	21·4	9·9	28·5	3·8	31·4	−0·5	69	50	53	32	12	255	54	14	1
June	24·5	13·2	31·6	7·0	34·1	3·1	71	53	75	31	12	263	55	15	3
July	25·9	14·4	32·4	7·9	34·5	5·4	72	50	75	41	12	291	60	15	1
August	25·1	13·8	31·0	6·9	34·7	4·4	78	55	66	42	12	239	54	14	1
September	21·7	10·7	27·9	2·7	30·7	−0·4	82	56	44	41	9	190	50	12	3
October	16·2	5·2	23·5	−2·1	25·6	−5·6	87	62	43	25	9	144	43	10	6
November	9·6	3·0	18·2	−5·0	21·1	−10·4	86	73	65	25	17	69	25	9	13
December	1·3	−4·0	8·5	−14·3	11·8	−24·7	87	78	68	24	17	46	18	8	19
Year	14·2	4·9	32·9*	−21·5*	34·7	−27·5	79	61	682	42	152	1946	43	15	93
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

Vinnitsa 49° 14′N 28° 28′E 287 m

Ukrainian S.S.R.

Period 1962–69 Bibliography 65	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−4·1	−10·6	2·7	−21·1	6·5	−28·2	87	81	51	17	18	43	16	8	19
February	−2·0	−8·5	5·3	−20·7	12·0	−27·5	87	77	53	24	19	54	19	9	15
March	2·0	−4·4	10·4	−15·1	22·3	−24·2	86	69	43	29	16	123	33	12	10
April	13·2	3·5	23·1	−3·4	26·2	−11·0	74	51	34	14	10	181	44	13	4
May	20·3	9·1	28·2	2·0	30·8	−1·8	70	49	60	43	12	247	52	14	1
June	23·3	11·7	30·6	5·6	35·0	3·6	71	50	61	31	11	273	56	15	1
July	24·2	13·4	31·3	8·7	33·7	7·6	73	52	87	44	13	271	55	15	1
August	23·7	12·7	30·5	7·1	34·9	2·7	79	54	62	57	11	241	54	13	1
September	19·9	8·6	26·9	1·3	29·0	−1·4	79	52	44	61	9	203	53	12	2
October	13·3	4·7	21·6	−3·7	24·8	−5·2	87	65	37	42	9	135	40	10	6
November	5·9	0·4	14·9	−8·6	17·7	−20·4	89	80	43	30	15	45	16	8	15
December	−2·1	−6·0	7·1	−18·5	11·1	−27·2	89	83	47	29	18	38	15	7	19
Year	11·5	2·9	32·3*	−24·9*	35·0	−28·2	81	64	622	61	161	1854	41	15	94
No. of years	8	8	8	8	8	8	4	4	8	8	8	4	4	4	4

*Average of highest/lowest each year

YUGOSLAVIA

Banja Luka 44°47′N 17°13′E 153 m

Period 1932–60 Bibliography 66, 67, 68	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·5	−4·2	15·6	−15·2	20·0	−22·8	90	76	70	40	15	50	17	—	—
February	6·8	−3·6	17·1	−14·6	22·4	−27·4	87	66	70	41	14	72	25	—	—
March	11·1	0·2	22·5	−6·9	27·4	−15·3	89	60	73	37	13	107	29	—	—
April	17·1	5·0	25·8	−1·8	29·4	−5·0	85	54	91	53	13	150	37	—	—
May	21·6	9·2	29·9	2·4	35·6	−1·2	83	57	101	55	13	202	44	—	—
June	25·4	12·9	32·6	7·5	39·2	2·2	81	56	120	72	14	218	47	—	—
July	27·9	14·3	35·2	9·8	40·8	7·5	79	53	74	52	12	266	56	—	—
August	28·1	13·4	36·0	8·6	41·4	4·6	83	49	66	50	7	295	68	—	—
September	24·1	10·1	31·8	2·7	35·2	0·6	91	55	69	63	8	210	56	—	—
October	17·3	5·9	26·0	−0·6	30·6	−3·4	94	64	105	61	11	121	35	—	—
November	10·6	2·6	19·9	−4·6	25·0	−10·0	92	75	104	59	17	52	18	—	—
December	7·3	−0·5	18·2	−7·4	21·6	−16·0	92	77	115	59	15	49	18	—	—
Year	16·8	5·4	36·9*	−18·7*	41·4	−27·4	87	62	1058	72	152	1792	40	—	—
No. of years	12	12	12	12	12	12	12	12	26	26	17	9	9	—	—

Beograd (Belgrade) 44°48′N 20°28′E 132 m

Period 1931–60 Bibliography 66, 67, 69	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·9	−3·2	13·1	−11·6	19·8	−24·5	85	75	47	29	14	71	25	8·6	12
February	5·4	−1·9	15·0	−10·0	21·2	−20·5	83	67	46	35	13	95	32	9·6	7
March	11·0	2·1	21·8	−4·9	30·0	−13·6	77	56	46	39	12	148	40	11·0	7
April	17·5	7·3	26·1	0·2	30·8	−6·1	72	49	54	31	13	191	47	12·7	4
May	22·5	12·0	29·9	4·9	34·3	−1·4	73	51	74	64	14	224	49	14·2	3
June	26·0	15·1	32·8	10·1	36·7	6·3	74	51	96	78	13	259	56	14·5	1
July	28·3	16·9	35·4	11·9	39·4	8·3	71	47	61	70	9	295	62	14·4	1
August	28·1	16·5	35·7	11·2	39·3	7·7	73	46	55	44	9	280	64	13·1	1
September	24·3	13·2	32·2	7·0	41·8	1·7	76	47	50	88	8	229	61	11·4	1
October	17·6	8·2	26·9	1·5	34·7	−6·9	82	58	55	48	11	167	49	10·3	4
November	10·5	3·9	19·7	−2·7	23·4	−8·3	85	71	61	39	14	84	29	8·9	11
December	5·4	−0·2	15·6	−8·2	21·3	−19·3	85	76	55	38	14	69	25	8·8	13
Year	16·6	7·5	36·7*	−14·7*	41·8	−24·5	78	58	700	88	144	2112	47	14·5	65
No. of years	30	30	30	30	30	30	30	30	30	30	30	12	12	12	12

Bitola 41°03′N 21°22′E 587 m

Period 1931–42 1948–60 Bibliography 66, 67, 68	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·2	−3·4	13·2	−13·9	16·7	−29·4	90	76	53	33	13	74	25	—	—
February	7·8	−1·9	15·1	−10·5	21·2	−26·0	86	65	51	65	10	125	42	—	—
March	10·3	0·4	19·9	−7·7	31·2	−18·7	86	60	55	62	11	142	38	—	—
April	16·5	4·9	24·0	−0·6	29·4	−3·5	80	50	49	47	9	191	48	—	—
May	21·5	8·9	28·9	2·6	32·5	−1·6	79	51	62	34	13	236	53	—	—
June	26·4	11·9	33·2	6·4	37·6	3·6	72	42	46	55	8	271	60	—	—
July	29·3	13·6	34·7	9·1	37·0	5·4	68	37	35	41	5	337	73	—	—
August	29·7	13·1	35·7	8·1	39·0	2·6	69	36	39	110	4	324	76	—	—
September	24·6	10·2	31·2	2·5	36·0	−0·3	83	45	46	63	7	230	61	—	—
October	17·7	5·9	25·5	−1·1	30·8	−3·5	91	57	69	48	11	161	47	—	—
November	11·3	3·1	18·8	−5·4	24·0	−15·3	91	71	76	55	13	83	28	—	—
December	7·3	−0·5	15·4	−8·5	18·2	−23·8	90	74	62	104	11	81	28	—	—
Year	17·2	5·5	36·7*	−17·3*	39·0	−29·4	82	55	643	110	115	2255	51	—	—
No. of years	12	12	12	12	12	12	12	12	24	23	13	9	9	—	—

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*Average of highest/lowest each year

YUGOSLAVIA

Crikvenica 45° 10′N 14° 42′E 4 m

Period 1931–60 Bibliography 66, 74, 75	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	9·4	2·2	13·8	−3·8	18·4	−13·0	70	64	107	51	11	—	—	—	—
February	10·2	2·5	15·6	−3·5	19·0	−13·1	71	63	91	60	9	—	—	—	—
March	13·2	5·0	18·5	−0·7	22·3	−5·0	69	62	82	65	10	—	—	—	—
April	17·5	8·5	23·1	2·8	29·4	−2·2	71	61	81	44	10	—	—	—	—
May	22·2	12·5	27·8	6·5	35·0	0·1	71	61	90	89	12	—	—	—	—
June	26·0	16·0	31·2	11·9	37·0	5·7	71	61	94	84	11	—	—	—	—
July	29·0	18·0	33·4	13·5	39·0	9·0	68	57	73	72	8	—	—	—	—
August	28·7	18·0	33·6	13·4	37·4	8·6	68	57	70	100	7	—	—	—	—
September	25·0	15·1	30·2	9·7	35·1	4·0	72	60	115	139	8	—	—	—	—
October	19·5	10·7	24·8	4·5	29·2	1·4	75	64	169	142	11	—	—	—	—
November	14·5	6·9	19·6	0·6	24·4	−4·3	74	66	165	88	13	—	—	—	—
December	10·9	3·9	16·0	−2·2	19·5	−10·0	75	69	132	99	12	—	—	—	—
Year	18·8	9·9	34·4*	−5·5*	39·0	−13·1	71	62	1269	142	122	—	—	—	—
No. of years	30	30	30	30	30	30	18	18	30	30	30	—	—	—	—

Dubrovnik 42° 39′N 18° 06′E 49 m

Period 1931–60 Bibliography 66, 67, 68, 78, 79	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	11·7	5·8	15·5	−0·6	19·0	−7·0	63	59	139	81	13	128	44	—	—
February	12·5	6·3	17·4	0·2	20·5	−4·6	65	63	125	124	13	128	43	—	—
March	14·2	8·1	19·0	2·8	22·7	−1·8	64	63	104	73	11	156	42	—	—
April	17·4	11·0	21·8	6·1	26·4	2·6	67	66	104	79	10	185	49	—	—
May	21·2	14·4	26·5	9·7	29·0	6·4	69	69	75	55	10	251	55	—	—
June	25·4	18·3	30·4	13·7	34·0	11·2	64	66	48	74	6	295	65	—	—
July	28·6	20·7	32·6	16·7	37·1	14·6	67	61	26	46	4	358	77	—	—
August	28·0	20·7	32·2	16·8	36·6	11·1	57	61	38	79	3	347	81	—	—
September	25·0	17·9	29·4	13·5	34·2	9·2	63	63	101	105	7	262	70	—	—
October	20·8	14·0	25·2	9·2	28·0	5·5	64	63	162	143	11	205	60	—	—
November	16·7	10·3	20·8	3·8	24·4	−3·0	67	65	198	145	16	109	37	—	—
December	13·5	7·7	17·4	2·0	19·3	−3·6	67	65	178	112	15	99	35	—	—
Year	19·6	12·9	33·5*	−2·5*	37·1	−7·0	65	64	1298	145	119	2523	57	—	—
No. of years	19	19	20	20	20	20	12	12	24	24	16	5	5	—	—

Gospić 44° 32′N 15° 23′E 566 m

Period 1931–42 1946–60 Bibliography 66, 67, 73, 75	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·7	−5·8	10·7	−17·2	13·4	−28·6	88	80	119	64	15	67	23	—	—
February	4·3	−6·2	12·8	−19·8	20·1	−33·5	87	74	121	59	13	89	30	—	—
March	8·9	−1·6	17·5	−11·3	21·2	−21·7	87	64	109	85	13	95	26	—	—
April	14·4	2·7	21·6	−4·4	26·4	−8·5	85	58	104	113	13	162	40	—	—
May	19·2	6·4	25·6	−0·3	30·3	−7·0	85	60	104	64	13	228	49	—	—
June	23·0	9·4	28·9	4·0	35·4	−1·8	82	56	94	85	11	238	51	—	—
July	26·1	10·7	32·1	5·6	38·7	2·6	81	51	70	118	8	320	67	—	—
August	26·3	10·3	32·8	5·1	38·2	1·7	84	49	67	66	7	281	64	—	—
September	21·9	7·4	28·5	0·1	33·3	−3·5	90	55	98	99	8	209	55	—	—
October	15·0	3·5	23·0	−3·6	28·8	−9·8	93	66	185	152	12	133	39	—	—
November	8·9	0·9	16·1	−7·4	18·4	−16·5	91	77	181	82	15	34	12	—	—
December	4·7	−2·6	12·8	−12·6	15·1	−22·5	90	81	162	78	15	45	17	—	—
Year	14·6	2·9	33·6*	−22·5*	38·7	−33·5	87	64	1414	152	143	1901	43	—	—
No. of years	21	21	21	21	21	21	21	21	27	27	23	3	3	—	—

*Average of highest/lowest each year

YUGOSLAVIA

Kraljevo 43° 44′N 20° 41′E 225 m

Period 1932–33 1949–60 Bibliography 66, 68, 70	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	3·4	−4·2	13·3	−14·6	18·4	−23·5	92	80	48	32	12	61	21	—	—
February	6·0	−3·6	15·9	−14·2	22·6	−27·1	89	72	44	37	11	89	30	—	—
March	9·9	0·2	22·1	−8·0	26·4	−21·8	88	65	51	25	13	127	34	—	—
April	17·1	5·6	26·2	−1·0	30·7	−2·4	83	56	60	49	12	170	42	—	—
May	21·7	10·0	29·8	3·0	34·3	−0·7	85	59	97	61	17	189	41	—	—
June	25·4	13·1	32·2	8·2	37·7	5·0	83	57	85	49	13	233	50	—	—
July	28·2	14·8	34·7	10·2	39·2	5·0	81	53	81	41	11	274	58	—	—
August	28·5	14·0	36·0	9·0	40·0	6·6	83	51	70	103	8	269	62	—	—
September	25·1	10·7	31·7	3·0	36·5	1·4	89	54	49	47	8	202	54	—	—
October	18·0	6·4	26·0	−0·8	36·5	−3·0	92	63	65	68	11	140	41	—	—
November	11·1	2·9	19·0	−4·5	24·9	−10·5	91	74	65	37	12	77	26	—	—
December	6·6	−0·7	17·2	−8·7	24·4	−18·1	91	79	56	60	12	66	24	—	—
Year	16·7	5·8	36·6*	−17·6*	40·0	−27·1	87	64	771	103	140	1897	43	—	—
No. of years	14	14	14	14	14	14	14	14	14	14	14	11	11	—	—

Ljubljana/Bežigrad 46° 04′N 14° 31′E 299 m

Period 1931–60 Bibliography 66, 67, 68, 80	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·2	−3·8	9·8	−13·9	13·8	−26·5	91	81	88	54	13	49	17	7·9	16
February	5·1	−4·0	14·0	−13·7	19·0	−27·6	90	70	89	68	11	74	25	10·0	10
March	10·0	0·0	18·6	−7·2	22·9	−15·7	88	60	76	59	11	127	35	11·0	8
April	15·3	4·4	22·6	−1·9	29·6	−5·3	87	56	98	48	13	159	39	13·2	5
May	20·0	8·7	27·3	1·8	31·2	−2·8	88	56	121	89	16	200	43	13·7	3
June	23·7	12·1	29·8	6·9	38·0	3·8	87	56	133	70	16	215	46	14·1	2
July	26·5	14·0	32·5	9·2	38·8	7·2	89	54	113	69	12	247	52	14·5	1
August	25·7	13·7	31·8	8·6	35·0	4·2	93	55	127	83	12	232	53	13·3	1
September	21·7	10·5	28·4	3·6	31·3	1·4	95	62	142	121	10	150	40	11·7	4
October	15·1	6·1	22·6	−0·5	26·8	−2·0	95	70	151	87	14	102	30	10·1	7
November	8·1	2·2	16·0	−4·9	19·8	−10·5	93	80	131	87	15	40	14	8·3	15
December	3·7	−1·0	11·5	−7·9	15·8	−14·7	93	86	114	67	15	30	11	7·6	20
Year	14·8	5·2	35·5*	−16·2*	38·8	−27·6	91	65	1383	121	158	1625	36	14·5	92
No. of years	17	17	17	17	17	17	17	17	30	30	25	12	12	12	12

Maribor/Tezno 46° 32′N 15° 39′E 275 m

Period 1931–40 1948–60 Bibliography 66, 67, 68, 80	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	3·0	−5·2	11·0	−14·9	15·0	−23·0	89	76	49	49	9	82	29	—	—
February	5·3	−4·9	14·3	−14·5	20·2	−22·8	89	67	46	33	9	92	32	—	—
March	10·0	−0·7	19·9	−8·2	23·3	−19·0	88	61	51	33	9	140	38	—	—
April	15·4	4·2	23·3	−2·4	27·5	−5·8	84	58	74	40	12	165	41	—	—
May	20·0	8·6	27·0	0·5	31·2	−5·0	84	61	112	62	15	194	42	—	—
June	23·4	12·0	29·6	6·5	36·4	1·5	82	62	118	76	15	218	46	—	—
July	25·9	13·9	32·2	8·7	39·2	4·7	82	61	110	62	13	243	51	—	—
August	25·1	13·1	31·3	8·2	36·0	4·6	87	61	112	64	11	247	56	—	—
September	21·5	9·8	28·5	2·4	32·2	−1·0	92	65	93	90	10	194	51	—	—
October	15·2	5·0	22·9	−1·7	26·5	−5·1	94	70	109	75	11	136	40	—	—
November	8·6	1·1	16·6	−5·9	20·3	−11·3	91	77	88	71	12	74	26	—	—
December	4·7	−2·0	13·4	−9·6	17·6	−16·6	92	81	75	40	12	56	21	—	—
Year	14·8	4·6	33·2*	−17·6*	39·2	−23·0	88	67	1037	90	138	1841	41	—	—
No. of years	17	17	17	17	17	17	17	17	23	23	18	11	11	—	—

*Average of highest/lowest each year

YUGOSLAVIA

Mostar 43° 20′N 17° 49′E 99 m

Period 1931–40 1949–60 Bibliography 66, 67	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·7	2·1	15·2	−3·8	18·8	−10·2	71	60	136	79	13	109	37	—	—
February	10·5	2·5	18·2	−4·0	22·2	−9·6	72	56	131	66	12	119	40	—	—
March	14·3	5·1	22·1	−0·6	25·8	−6·0	70	49	116	69	11	177	48	—	—
April	19·1	8·5	25·8	3·0	29·6	1·2	71	47	107	76	11	192	48	—	—
May	24·0	12·6	30·6	7·1	34·8	3·3	70	48	104	100	11	226	50	—	—
June	28·4	16·3	34·1	11·9	40·0	8·4	67	45	71	69	9	272	59	—	—
July	31·7	19·0	37·5	14·7	43·0	11·0	60	38	38	50	6	340	73	—	—
August	32·1	18·8	37·8	14·5	40·2	9·6	60	35	52	70	5	315	73	—	—
September	27·2	15·5	33·5	9·5	38·2	7·1	69	42	102	75	8	232	62	—	—
October	20·6	10·9	26·3	5·8	30·3	4·0	75	52	171	151	12	160	47	—	—
November	14·2	7·1	20·5	0·3	22·9	−4·0	77	63	201	134	14	106	36	—	—
December	11·1	4·5	16·8	−1·1	19·2	−4·3	76	66	226	96	16	90	32	—	—
Year	20·2	10·2	38·7*	−5·5*	43·0	−10·2	70	50	1455	151	128	2338	52	—	—
No. of years	12	12	12	12	12	12	12	12	22	22	12	10	10	—	—

Niš 43° 20′N 21° 54′E 201 m

Period 1931–40 1947–60 Bibliography 66, 67, 68	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·4	−3·0	13·9	−11·0	17·5	−20·2	86	74	39	24	12	66	23	—	—
February	6·7	−2·4	16·3	−11·8	21·7	−21·6	84	66	36	27	12	91	31	—	—
March	11·1	0·8	22·9	−6·2	33·5	−11·1	80	57	35	30	10	148	40	—	—
April	17·9	6·1	26·3	−0·5	31·3	−2·9	77	50	49	34	11	190	47	—	—
May	22·6	10·5	31·0	3·1	35·3	0·0	78	53	67	59	14	219	48	—	—
June	26·8	13·9	33·6	9·0	39·5	6·8	77	50	64	36	12	256	55	—	—
July	29·3	15·4	36·5	10·2	40·7	7·0	73	45	46	73	8	302	65	—	—
August	29·7	14·9	37·1	8·8	42·2	5·2	73	44	41	65	7	283	65	—	—
September	25·5	11·6	33·1	3·7	39·6	2·2	80	46	39	38	7	237	66	—	—
October	18·7	7·8	26·5	0·1	34·9	−2·7	86	55	58	45	9	169	49	—	—
November	11·8	3·5	19·9	−4·2	24·6	−11·3	86	67	55	77	12	86	29	—	—
December	8·1	0·2	17·6	−7·0	21·6	−16·6	86	71	49	59	11	79	28	—	—
Year	17·7	6·6	37·9*	−13·7*	42·2	−21·6	81	57	578	77	125	2126	48	—	—
No. of years	12	12	12	12	12	12	12	12	24	24	14	11	11	—	—

Novi Sad/Rimski Šančevi 45° 20′N 19° 51′E 84 m

Period 1931–41 1949–60 Bibliography 66, 67	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	3·0	−4·2	13·3	−14·8	18·0	−23·1	90	80	38	33	12	69	24	—	—
February	5·2	−3·9	14·8	−14·7	19·9	−28·1	89	73	42	35	11	100	34	—	—
March	10·3	0·1	21·8	−7·7	30·0	−17·2	85	62	43	42	11	146	40	—	—
April	17·2	5·5	25·9	−1·7	29·7	−4·1	81	55	53	31	13	191	47	—	—
May	22·1	10·3	30·7	2·7	37·1	−0·4	81	55	69	46	13	241	52	—	—
June	26·0	13·7	32·6	8·4	37·6	4·2	80	55	75	49	12	263	56	—	—
July	28·4	15·3	34·9	10·4	39·6	5·4	77	51	54	71	9	287	61	—	—
August	28·4	14·6	36·1	10·0	39·9	6·9	81	49	56	40	7	298	68	—	—
September	24·5	10·9	31·6	3·5	34·6	1·4	86	51	41	34	7	235	62	—	—
October	17·9	6·0	26·1	−0·7	30·1	−4·5	90	61	66	40	9	173	51	—	—
November	10·2	2·7	18·8	−4·6	24·6	−11·4	91	75	59	34	13	78	27	—	—
December	6·6	−0·3	16·2	−7·8	19·6	−18·8	91	80	51	30	14	69	25	—	—
Year	16·7	5·9	37·1*	−18·4*	39·9	−28·1	85	62	647	71	131	2150	48	—	—
No. of years	12	12	12	12	12	12	12	12	23	23	13	10	10	—	—

*Average of highest/lowest each year

YUGOSLAVIA

Osijek 45° 33′N 18° 41′E 90 m

Period 1931–60 Bibliography 66, 67, 71, 75	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·1	−4·0	10·5	−13·6	17·0	−25·5	91	82	47	23	14	—	—	—	—
February	5·1	−2·9	14·2	−12·4	19·0	−24·7	89	73	53	52	12	—	—	—	—
March	11·0	1·2	20·8	−5·1	25·9	−15·6	87	66	45	31	12	—	—	—	—
April	17·6	6·1	26·0	−0·8	30·0	−5·8	84	58	54	42	12	—	—	—	—
May	22·6	10·5	30·0	3·2	34·5	−3·0	83	59	71	67	14	—	—	—	—
June	26·0	13·8	32·7	8·6	38·0	4·3	81	59	83	81	13	—	—	—	—
July	28·5	15·4	35·4	10·2	40·2	4·6	80	55	52	71	10	—	—	—	—
August	28·0	14·8	35·3	10·0	39·0	6·5	84	55	55	58	9	—	—	—	—
September	24·0	11·3	31·2	4·9	35·9	0·0	89	58	51	42	8	—	—	—	—
October	16·9	6·5	25·7	0·1	30·5	−6·0	93	66	68	51	11	—	—	—	—
November	9·5	3·0	17·9	−3·2	24·0	−10·0	93	78	70	50	14	—	—	—	—
December	4·6	−0·9	13·5	−8·8	18·3	−19·4	92	83	57	37	15	—	—	—	—
Year	16·3	6·2	36·3*	−17·0*	40·2	−25·5	87	66	706	81	144	—	—	—	—
No. of years	30	30	30	30	30	30	18	18	30	30	30	—	—	—	—

Rijeka 45° 20′N 14° 28′E 104 m

Period 1931–40 1948–60 Bibliography 66, 67, 68	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·8	3·0	14·1	−3·3	18·4	−8·3	67	60	132	67	10	—	—	—	—
February	9·3	3·2	16·2	−3·2	20·0	−12·8	69	60	101	136	10	—	—	—	—
March	12·0	5·4	18·3	−1·0	21·4	−3·6	66	56	110	62	10	—	—	—	—
April	16·2	9·3	22·3	4·1	26·3	0·8	65	55	105	68	10	—	—	—	—
May	21·1	13·2	26·9	7·1	31·2	3·0	66	55	111	109	10	—	—	—	—
June	24·9	17·0	29·7	12·3	32·1	9·3	67	56	102	85	12	—	—	—	—
July	28·0	19·0	32·8	14·6	36·8	12·0	62	50	82	98	10	—	—	—	—
August	27·5	18·7	32·6	14·3	35·8	12·0	62	50	83	81	8	—	—	—	—
September	23·9	15·3	29·5	10·4	34·8	8·4	66	55	171	229	9	—	—	—	—
October	18·3	11·4	24·0	5·7	28·8	2·8	71	60	191	138	11	—	—	—	—
November	13·3	7·5	18·0	1·5	20·1	−1·2	73	64	185	104	13	—	—	—	—
December	10·7	5·5	15·4	0·1	17·0	−2·5	72	66	175	77	13	—	—	—	—
Year	17·8	10·7	33·6*	−5·3*	36·8	−12·8	67	57	1548	229	126	—	—	—	—
No. of years	12	12	12	12	12	12	12	12	23	23	12	—	—	—	—

Sarajevo 43° 52′N 18° 26′E 630 m

Period 1931–60 Bibliography 66, 67, 68	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	3·0	−4·0	12·6	−13·9	15·0	−22·0	84	75	66	51	16	61	21	8·7	13
February	5·3	−3·4	14·6	−13·1	19·1	−20·5	81	67	64	41	14	97	33	10·2	6
March	9·9	0·1	19·7	−7·5	24·7	−14·7	82	58	62	44	13	138	37	11·4	8
April	15·1	4·5	23·1	−1·8	30·2	−6·1	77	54	64	48	13	163	41	12·9	4
May	19·5	8·3	27·6	1·4	31·2	−2·0	79	55	90	54	16	187	41	14·6	4
June	23·5	11·9	30·3	6·7	33·4	4·5	78	53	88	61	14	226	49	14·2	1
July	25·9	13·3	33·1	8·6	36·6	5·9	78	49	71	49	12	269	57	14·2	2
August	26·8	13·1	33·6	8·2	38·0	4·3	76	45	70	52	8	277	64	13·4	1
September	22·5	10·1	29·5	3·3	33·7	1·8	82	52	78	87	9	207	55	12·2	2
October	15·9	5·8	23·0	−0·3	26·4	−2·3	85	62	103	49	12	135	39	10·8	6
November	9·5	2·6	17·9	−5·7	21·4	−11·8	85	71	91	49	15	67	23	9·4	12
December	6·0	−0·6	14·9	−8·6	17·3	−16·2	84	75	85	70	15	53	19	8·3	14
Year	15·2	5·1	34·6*	−15·4*	38·0	−22·0	81	60	932	87	157	1880	42	14·6	73
No. of years	12	12	12	12	12	12	12	12	28	28	18	12	12	12	12

*Average of highest/lowest each year

Šibenik 43°44′N 15°45′E 77 m

Period 1931–40 1946–60 Bibliography 66, 67, 70, 78, 79	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	9·8	2·4	15·5	−4·0	19·6	−14·0	67	57	70	73	10	—	—	—	—
February	11·0	2·3	16·8	−4·1	19·6	−11·0	68	56	68	73	9	—	—	—	—
March	14·0	5·2	19·3	−0·5	24·2	−5·0	68	53	60	90	9	—	—	—	—
April	18·2	9·0	23·3	3·9	27·5	−0·5	67	51	60	79	8	—	—	—	—
May	22·5	13·2	27·8	7·7	32·4	2·3	67	53	56	42	8	—	—	—	—
June	26·7	16·5	31·7	11·9	35·2	5·0	63	48	51	69	8	—	—	—	—
July	29·7	19·2	34·5	13·9	38·0	7·0	59	45	46	63	5	—	—	—	—
August	29·7	19·1	34·5	13·8	38·2	10·4	60	45	35	71	4	—	—	—	—
September	26·0	15·8	30·1	10·1	34·0	5·0	67	49	85	111	6	—	—	—	—
October	20·7	11·4	25·7	5·5	30·4	2·2	71	55	99	55	9	—	—	—	—
November	15·3	7·5	20·1	0·9	21·6	−6·6	72	61	128	70	12	—	—	—	—
December	12·4	4·9	17·2	−2·1	18·8	−8·9	73	63	119	93	13	—	—	—	—
Year	19·7	10·5	35·5*	−6·1*	38·2	−14·0	67	53	877	111	101	—	—	—	—
No. of years	14	15	20	21	20	21	12	12	22	22	13	—	—	—	—

Skopje 41°59′N 21°28′E 240 m

Period 1931–60 Bibliography 66, 67, 68	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·7	−2·9	12·1	−10·6	19·6	−21·3	91	76	39	45	11	66	22	8·6	13
February	8·3	−2·5	17·6	−10·4	24·0	−22·0	90	65	32	23	8	116	39	9·6	5
March	11·9	0·6	21·6	−7·4	34·2	−19·0	88	58	37	60	9	135	37	11·2	6
April	19·3	5·3	25·5	−1·1	29·6	−3·4	81	48	38	51	8	197	49	12·7	3
May	23·3	10·1	30·4	3·0	35·8	−1·6	80	52	54	29	12	220	49	13·5	1
June	28·0	13·4	34·0	7·6	38·8	5·5	75	47	47	36	8	265	58	14·0	2
July	30·8	15·2	36·5	10·1	40·5	6·5	70	42	29	38	7	318	69	14·2	0
August	31·1	14·3	37·1	9·5	40·6	4·3	72	39	28	34	4	306	71	13·1	0
September	26·0	11·1	32·3	3·3	36·5	0·8	84	46	35	51	7	220	59	11·7	1
October	18·5	5·9	25·9	−1·4	33·6	−3·8	93	59	61	63	9	153	44	10·3	5
November	11·7	2·9	18·4	−5·2	21·2	−11·0	94	72	55	61	12	72	24	8·3	10
December	7·4	−1·1	16·1	−7·9	21·2	−17·1	94	76	53	59	9	60	21	8·0	12
Year	18·4	6·0	38·1*	−14·9*	40·6	−22·0	84	57	508	63	104	2128	48	14·2	58
No. of years	12	12	12	12	12	12	12	12	28	25	15	11	11	11	11

Slavonski Brod 45°09′N 18°01′E 95 m

Period 1931–60 Bibliography 66, 72, 75	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·8	−3·6	12·5	−12·9	17·6	−26·4	91	81	49	45	13	—	—	—	—
February	5·3	−3·3	15·4	−13·6	20·7	−24·8	89	75	52	52	12	—	—	—	—
March	11·2	1·0	21·3	−5·4	25·8	−16·0	89	65	46	28	11	—	—	—	—
April	17·5	5·9	25·7	−1·3	29·6	−5·6	86	59	56	44	13	—	—	—	—
May	22·4	10·4	29·7	3·3	35·0	−2·9	86	61	74	45	13	—	—	—	—
June	25·6	13·5	32·4	8·3	37·9	2·3	84	61	100	112	13	—	—	—	—
July	28·3	15·3	35·3	10·4	40·2	6·5	83	57	66	69	9	—	—	—	—
August	28·2	14·3	35·4	9·4	39·2	5·4	86	56	59	62	8	—	—	—	—
September	24·3	10·8	31·5	3·7	36·6	0·0	92	57	53	52	8	—	—	—	—
October	17·1	5·9	26·4	−1·1	32·4	−9·7	94	66	74	46	10	—	—	—	—
November	9·9	2·8	18·6	−3·8	24·0	−12·2	94	79	83	42	13	—	—	—	—
December	5·1	0·9	14·6	−8·1	20·6	−15·4	93	84	66	40	13	—	—	—	—
Year	16·5	6·2	36·3*	−16·8*	40·2	−26·4	89	67	778	112	136	—	—	—	—
No. of years	21	21	21	21	21	21	21	21	30	30	25	—	—	—	—

*Average of highest/lowest each year

YUGOSLAVIA

Split/Marjan 43° 31′N 16° 26′E 125 m

Period 1931–60 Bibliography 66, 67, 68, 77	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	9·9	4·9	14·6	−1·1	17·7	−8·3	63	60	78	49	12	122	42	9·3	6
February	10·8	5·0	16·1	−1·3	19·5	−8·1	63	59	64	44	10	136	46	10·5	4
March	13·6	7·4	18·7	1·7	21·2	−3·3	63	56	52	53	10	189	51	11·4	4
April	17·8	11·1	22·8	5·5	26·8	1·9	64	55	55	55	8	231	57	12·7	2
May	22·8	15·5	28·3	9·7	33·2	4·8	65	54	62	48	10	265	58	14·2	1
June	26·9	18·9	31·7	13·5	36·3	10·7	60	50	44	50	9	313	68	14·7	1
July	30·2	21·8	34·9	16·2	37·8	12·2	55	45	30	46	6	359	77	14·4	0
August	30·1	21·8	34·6	16·2	37·1	11·2	54	45	35	51	4	336	78	13·7	0
September	25·9	18·7	30·5	13·2	34·9	7·4	62	52	71	229	7	249	66	12·8	0
October	20·1	14·0	25·1	7·9	30·8	3·0	66	60	98	76	10	191	56	10·8	3
November	15·1	10·1	19·3	4·0	22·0	−4·5	69	65	114	86	13	125	43	9·5	5
December	11·8	7·2	15·9	0·8	17·9	−6·0	67	66	118	86	14	105	37	8·8	7
Year	19·6	13·0	35·6*	−3·7*	37·8	−8·3	63	56	821	229	113	2621	59	14·7	33
No. of years	18	18	25	25	25	25	18	18	27	27	19	16	16	16	16

Titograd (Podgorica) 42° 26′N 19° 17′E 52 m

Period 1931–40 1948–60 Bibliography 66, 67, 68	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	9·1	2·3	15·1	−3·6	18·0	−9·4	77	63	163	73	13	109	37	9·3	10
February	10·6	2·5	17·7	−3·7	20·4	−9·7	79	63	179	91	14	109	37	11·0	8
March	14·3	5·4	21·1	−0·2	26·2	−5·0	71	54	146	77	11	180	49	11·8	5
April	19·3	9·3	26·3	4·2	31·0	1·5	70	50	98	92	10	199	50	13·5	2
May	24·3	13·6	30·7	7·9	33·1	4·6	69	50	105	101	11	241	53	14·1	2
June	29·0	17·8	34·4	12·9	37·6	9·7	61	43	59	148	6	296	65	14·2	0
July	32·5	20·8	38·0	16·1	40·6	14·2	53	37	38	63	5	348	75	14·3	0
August	32·6	20·6	38·1	15·5	41·2	8·8	53	36	51	104	4	329	76	13·8	0
September	27·5	17·0	33·4	11·9	39·0	9·6	64	45	110	98	7	245	65	12·2	1
October	21·0	11·7	26·7	6·1	30·0	3·4	75	55	230	128	11	192	56	11·4	3
November	15·0	7·5	20·2	0·4	23·0	−5·4	83	67	213	99	16	115	39	10·0	7
December	11·9	4·4	17·2	−1·8	19·4	−6·5	82	67	225	101	15	107	38	8·9	9
Year	20·6	11·1	38·8*	−5·2*	41·2	−9·7	70	53	1617	148	123	2470	55	14·3	47
No. of years	12	12	12	12	12	12	12	12	23	23	13	10	10	10	10

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Period 1931–60 Bibliography 67, 75, 76	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·6	−2·4	11·1	−10·3	17·1	−22·2	85	75	55	39	14	60	20	8·5	13
February	5·5	−1·2	13·7	−9·5	20·9	−21·7	82	65	54	43	11	91	31	10·0	9
March	10·7	2·9	19·5	−3·2	22·5	−10·8	77	57	47	54	10	143	39	11·4	6
April	16·8	7·6	24·2	1·5	28·7	−1·3	74	51	60	42	12	182	45	13·3	3
May	21·2	11·7	28·1	5·5	32·3	0·5	77	55	85	60	14	212	46	14·5	3
June	25·0	15·1	31·3	10·4	37·0	6·9	77	55	95	55	14	241	51	14·9	1
July	27·3	16·9	33·4	12·2	40·3	7·3	77	52	79	84	12	282	59	14·7	1
August	26·6	16·4	32·5	11·8	37·3	7·3	79	53	74	65	10	269	61	13·7	1
September	22·3	13·2	29·0	7·2	34·2	3·1	84	57	71	49	10	200	53	12·2	3
October	15·4	8·1	22·9	2·1	27·2	−3·0	88	67	88	83	13	131	39	10·5	6
November	8·9	4·0	16·8	−2·0	22·2	−6·8	88	76	88	56	15	57	20	8·6	13
December	4·5	0·1	13·1	−6·3	18·2	−15·4	87	79	69	44	14	47	17	7·9	15
Year	15·6	7·7	34·0*	−12·8*	40·3	−22·2	81	62	865	84	149	1913	43	14·9	74
No. of years	29	29	29	29	29	29	29	29	30	30	29	29	29	23	23

*Average of highest/lowest each year

APPENDIX I

Conversion table—degrees Celsius to degrees Fahrenheit

°C	·0	·1	·2	·3	·4	·5	·6	·7	·8	·9
	degrees Fahrenheit									
60	140·00	140·18	140·36	140·54	140·72	140·90	141·08	141·26	141·44	141·62
59	138·20	138·38	138·56	138·74	138·92	139·10	139·28	139·46	139·64	139·82
58	136·40	136·58	136·76	136·94	137·12	137·30	137·48	137·66	137·84	138·02
57	134·60	134·78	134·96	135·14	135·32	135·50	135·68	135·86	136·04	136·22
56	132·80	132·98	133·16	133·34	133·52	133·70	133·88	134·06	134·24	134·42
55	131·00	131·18	131·36	131·54	131·72	131·90	132·08	132·26	132·44	132·62
54	129·20	129·38	129·56	129·74	129·92	130·10	130·28	130·46	130·64	130·82
53	127·40	127·58	127·76	127·94	128·12	128·30	128·48	128·66	128·84	129·02
52	125·60	125·78	125·96	126·14	126·32	126·50	126·68	126·86	127·04	127·22
51	123·80	123·98	124·16	124·34	124·52	124·70	124·88	125·06	125·24	125·42
50	122·00	122·18	122·36	122·54	122·72	122·90	123·08	123·26	123·44	123·62
49	120·20	120·38	120·56	120·74	120·92	121·10	121·28	121·46	121·64	121·82
48	118·40	118·58	118·76	118·94	119·12	119·30	119·48	119·66	119·84	120·02
47	116·60	116·78	116·96	117·14	117·32	117·50	117·68	117·86	118·04	118·22
46	114·80	114·98	115·16	115·34	115·52	115·70	115·88	116·06	116·24	116·42
45	113·00	113·18	113·36	113·54	113·72	113·90	114·08	114·26	114·44	114·62
44	111·20	111·38	111·56	111·74	111·92	112·10	112·28	112·46	112·64	112·82
43	109·40	109·58	109·76	109·94	110·12	110·30	110·48	110·66	110·84	111·02
42	107·60	107·78	107·96	108·14	108·32	108·50	108·68	108·86	109·04	109·22
41	105·80	105·98	106·16	106·34	106·52	106·70	106·88	107·06	107·24	107·42
40	104·00	104·18	104·36	104·54	104·72	104·90	105·08	105·26	105·44	105·62
39	102·20	102·38	102·56	102·74	102·92	103·10	103·28	103·46	103·64	103·82
38	100·40	100·58	100·76	100·94	101·12	101·30	101·48	101·66	101·84	102·02
37	98·60	98·78	98·96	99·14	99·32	99·50	99·68	99·86	100·04	100·22
36	96·80	96·98	97·16	97·34	97·52	97·70	97·88	98·06	98·24	98·42
35	95·00	95·18	95·36	95·54	95·72	95·90	96·08	96·26	96·44	96·62
34	93·20	93·38	93·56	93·74	93·92	94·10	94·28	94·46	94·64	94·82
33	91·40	91·58	91·76	91·94	92·12	92·30	92·48	92·66	92·84	93·02
32	89·60	89·78	89·96	90·14	90·32	90·50	90·68	90·86	91·04	91·22
31	87·80	87·98	88·16	88·34	88·52	88·70	88·88	89·06	89·24	89·42
30	86·00	86·18	86·36	86·54	86·72	86·90	87·08	87·26	87·44	87·62
29	84·20	84·38	84·56	84·74	84·92	85·10	85·28	85·46	85·64	85·82
28	82·40	82·58	82·76	82·94	83·12	83·30	83·48	83·66	83·84	84·02
27	80·60	80·78	80·96	81·14	81·32	81·50	81·68	81·86	82·04	82·22
26	78·80	78·98	79·16	79·34	79·52	79·70	79·88	80·06	80·24	80·42
25	77·00	77·18	77·36	77·54	77·72	77·90	78·08	78·26	78·44	78·62
24	75·20	75·38	75·56	75·74	75·92	76·10	76·28	76·46	76·64	76·82
23	73·40	73·58	73·76	73·94	74·12	74·30	74·48	74·66	74·84	75·02
22	71·60	71·78	71·96	72·14	72·32	72·50	72·68	72·86	73·04	73·22
21	69·80	69·98	70·16	70·34	70·52	70·70	70·88	71·06	71·24	71·42
20	68·00	68·18	68·36	68·54	68·72	68·90	69·08	69·26	69·44	69·62
19	66·20	66·38	66·56	66·74	66·92	67·10	67·28	67·46	67·64	67·82
18	64·40	64·58	64·76	64·94	65·12	65·30	65·48	65·66	65·84	66·02
17	62·60	62·78	62·96	63·14	63·32	63·50	63·68	63·86	64·04	64·22
16	60·80	60·98	61·16	61·34	61·52	61·70	61·88	62·06	62·24	62·42

APPENDIX I—*continued*

Conversion table—degrees Celsius to degrees Fahrenheit

°C	·0	·1	·2	·3	·4	·5	·6	·7	·8	·9
					degrees Fahrenheit					
15	59·00	59·18	59·36	59·54	59·72	59·90	60·08	60·26	60·44	60·62
14	57·20	57·38	57·56	57·74	57·92	58·10	58·28	58·46	58·64	58·82
13	55·40	55·58	55·76	55·94	56·12	56·30	56·48	56·66	56·84	57·02
12	53·60	53·78	53·96	54·14	54·32	54·50	54·68	54·86	55·04	55·22
11	51·80	51·98	52·16	52·34	52·52	52·70	52·88	53·06	53·24	53·42
10	50·00	50·18	50·36	50·54	50·72	50·90	51·08	51·26	51·44	51·62
9	48·20	48·38	48·56	48·74	48·92	49·10	49·28	49·46	49·64	49·82
8	46·40	46·58	46·76	46·94	47·12	47·30	47·48	47·66	47·84	48·02
7	44·60	44·78	44·96	45·14	45·32	45·50	45·68	45·86	46·04	46·22
6	42·80	42·98	43·16	43·34	43·52	43·70	43·88	44·06	44·24	44·42
5	41·00	41·18	41·36	41·54	41·72	41·90	42·08	42·26	42·44	42·62
4	39·20	39·38	39·56	39·74	39·92	40·10	40·28	40·46	40·64	40·82
3	37·40	37·58	37·76	37·94	38·12	38·30	38·48	38·66	38·84	39·02
2	35·60	35·78	35·96	36·14	36·32	36·50	36·68	36·86	37·04	37·22
1	33·80	33·98	34·16	34·34	34·52	34·70	34·88	35·06	35·24	35·42
0	32·00	32·18	32·36	32·54	32·72	32·90	33·08	33·26	33·44	33·62
−0	32·00	31·82	31·64	31·46	31·28	31·10	30·92	30·74	30·56	30·38
−1	30·20	30·02	29·84	29·66	29·48	29·30	29·12	28·94	28·76	28·58
−2	28·40	28·22	28·04	27·86	27·68	27·50	27·32	27·14	26·96	26·78
−3	26·60	26·42	26·24	26·06	25·88	25·70	25·52	25·34	25·16	24·98
−4	24·80	24·62	24·44	24·26	24·08	23·90	23·72	23·54	23·36	23·18
−5	23·00	22·82	22·64	22·46	22·28	22·10	21·92	21·74	21·56	21·38
−6	21·20	21·02	20·84	20·66	20·48	20·30	20·12	19·94	19·76	19·58
−7	19·40	19·22	19·04	18·86	18·68	18·50	18·32	18·14	17·96	17·78
−8	17·60	17·42	17·24	17·06	16·88	16·70	16·52	16·34	16·16	15·98
−9	15·80	15·62	15·44	15·26	15·08	14·90	14·72	14·54	14·36	14·18
−10	14·00	13·82	13·64	13·46	13·28	13·10	12·92	12·74	12·56	12·38
−11	12·20	12·02	11·84	11·66	11·48	11·30	11·12	10·94	10·76	10·58
−12	10·40	10·22	10·04	9·86	9·68	9·50	9·32	9·14	8·96	8·78
−13	8·60	8·42	8·24	8·06	7·88	7·70	7·52	7·34	7·16	6·98
−14	6·80	6·62	6·44	6·26	6·08	5·90	5·72	5·54	5·36	5·18
−15	5·00	4·82	4·64	4·46	4·28	4·10	3·92	3·74	3·56	3·38
−16	3·20	3·02	2·84	2·66	2·48	2·30	2·12	1·94	1·76	1·58
−17	1·40	1·22	1·04	0·86	0·68	0·50	0·32	0·14	−0·04	−0·22
−18	−0·40	−0·58	−0·76	−0·94	−1·12	−1·30	−1·48	−1·66	−1·84	−2·02
−19	−2·20	−2·38	−2·56	−2·74	−2·92	−3·10	−3·28	−3·46	−3·64	−3·82
−20	−4·00	−4·18	−4·36	−4·54	−4·72	−4·90	−5·08	−5·26	−5·44	−5·62
−21	−5·80	−5·98	−6·16	−6·34	−6·52	−6·70	−6·88	−7·06	−7·24	−7·42
−22	−7·60	−7·78	−7·96	−8·14	−8·32	−8·50	−8·68	−8·86	−9·04	−9·22
−23	−9·40	−9·58	−9·76	−9·94	−10·12	−10·30	−10·48	−10·66	−10·84	−11·02
−24	−11·20	−11·38	−11·56	−11·74	−11·92	−12·10	−12·28	−12·46	−12·64	−12·82
−25	−13·00	−13·18	−13·36	−13·54	−13·72	−13·90	−14·08	−14·26	−14·44	−14·62

APPENDIX I—*continued*

Conversion table—degrees Celsius to degrees Fahrenheit

°C	·0	·1	·2	·3	·4	·5	·6	·7	·8	·9
	degrees Fahrenheit									
−26	−14·80	−14·98	−15·16	−15·34	−15·52	−15·70	−15·88	−16·06	−16·24	−16·42
−27	−16·60	−16·78	−16·96	−17·14	−17·32	−17·50	−17·68	−17·86	−18·04	−18·22
−28	−18·40	−18·58	−18·76	−18·94	−19·12	−19·30	−19·48	−19·66	−19·84	−20·02
−29	−20·20	−20·38	−20·56	−20·74	−20·92	−21·10	−21·28	−21·46	−21·64	−21·82
−30	−22·00	−22·18	−22·36	−22·54	−22·72	−22·90	−23·08	−23·26	−23·44	−23·62
−31	−23·80	−23·98	−24·16	−24·34	−24·52	−24·70	−24·88	−25·06	−25·24	−25·42
−32	−25·60	−25·78	−25·96	−26·14	−26·32	−26·50	−26·68	−26·86	−27·04	−27·22
−33	−27·40	−27·58	−27·76	−27·94	−28·12	−28·30	−28·48	−28·66	−28·84	−29·02
−34	−29·20	−29·38	−29·56	−29·74	−29·92	−30·10	−30·28	−30·46	−30·64	−30·82
−35	−31·00	−31·18	−31·36	−31·54	−31·72	−31·90	−32·08	−32·26	−32·44	−32·62
−36	−32·80	−32·98	−33·16	−33·34	−33·52	−33·70	−33·88	−34·06	−34·24	−34·42
−37	−34·60	−34·78	−34·96	−35·14	−35·32	−35·50	−35·68	−35·86	−36·04	−36·22
−38	−36·40	−36·58	−36·76	−36·94	−37·12	−37·30	−37·48	−37·66	−37·84	−38·02
−39	−38·20	−38·38	−38·56	−38·74	−38·92	−39·10	−39·28	−39·46	−39·64	−39·82
−40	−40·00	−40·18	−40·36	−40·54	−40·72	−40·90	−41·08	−41·26	−41·44	−41·62
−41	−41·80	−41·98	−42·16	−42·34	−42·52	−42·70	−42·88	−43·06	−43·24	−43·42
−42	−43·60	−43·78	−43·96	−44·14	−44·32	−44·50	−44·68	−44·86	−45·04	−45·22
−43	−45·40	−45·58	−45·76	−45·94	−46·12	−46·30	−46·48	−46·66	−46·84	−47·02
−44	−47·20	−47·38	−47·56	−47·74	−47·92	−48·10	−48·28	−48·46	−48·64	−48·82
−45	−49·00	−49·18	−49·36	−49·54	−49·72	−49·90	−50·08	−50·26	−50·44	−50·62
−46	−50·80	−50·98	−51·16	−51·34	−51·52	−51·70	−51·88	−52·06	−52·24	−52·42
−47	−52·60	−52·78	−52·96	−53·14	−53·32	−53·50	−53·68	−53·86	−54·04	−54·22
−48	−54·40	−54·58	−54·76	−54·94	−55·12	−55·30	−55·48	−55·66	−55·84	−56·08
−49	−56·20	−56·38	−56·56	−56·74	−56·92	−57·10	−57·28	−57·46	−57·64	−57·82
−50	−58·00	−58·18	−58·36	−58·54	−58·72	−58·90	−59·08	−59·26	−59·44	−59·62
−51	−59·80	−59·98	−60·16	−60·34	−60·52	−60·70	−60·88	−61·06	−61·24	−61·42
−52	−61·60	−61·78	−61·96	−62·14	−62·32	−62·50	−62·68	−62·86	−63·04	−63·22
−53	−63·40	−63·58	−63·76	−63·94	−64·12	−64·30	−64·48	−64·66	−64·84	−65·02
−54	−65·20	−65·38	−65·56	−65·74	−65·92	−66·10	−66·28	−66·46	−66·64	−66·82
−55	−67·00	−67·18	−67·36	−67·54	−67·72	−67·90	−68·08	−68·26	−68·44	−68·62
−56	−68·80	−68·98	−69·16	−69·34	−69·52	−69·70	−69·88	−70·06	−70·24	−70·42
−57	−70·60	−70·78	−70·96	−71·14	−71·32	−71·50	−71·68	−71·86	−72·04	−72·22
−58	−72·40	−72·58	−72·76	−72·94	−73·12	−73·30	−73·48	−73·66	−73·84	−74·02
−59	−74·20	−74·38	−74·56	−74·74	−74·92	−75·10	−75·28	−75·46	−75·64	−75·82
−60	−76·00	−76·18	−76·36	−76·54	−76·72	−76·90	−77·08	−77·26	−77·44	−77·62
−61	−77·80	−77·98	−78·16	−78·34	−78·52	−78·70	−78·88	−79·06	−79·24	−79·42
−62	−79·60	−79·78	−79·96	−80·14	−80·32	−80·50	−80·68	−80·86	−81·04	−81·22
−63	−81·40	−81·58	−81·76	−81·94	−82·12	−82·30	−82·48	−82·66	−82·84	−83·02
−64	−83·20	−83·38	−83·56	−83·74	−83·92	−84·10	−84·28	−84·46	−84·64	−84·82
−65	−85·00	−85·18	−85·36	−85·54	−85·72	−85·90	−86·08	−86·26	−86·44	−86·62
−66	−86·80	−86·98	−87·16	−87·34	−87·52	−87·70	−87·88	−88·06	−88·24	−88·42
−67	−88·60	−88·78	−88·96	−89·14	−89·32	−89·50	−89·68	−89·86	−90·04	−90·22
−68	−90·40	−90·58	−90·76	−90·94	−91·12	−91·30	−91·48	−91·66	−91·84	−92·02
−69	−92·20	−92·38	−92·56	−92·74	−92·92	−93·10	−93·28	−93·46	−93·64	−93·82
−70	−94·00	−94·18	−94·36	−94·54	−94·72	−94·90	−95·08	−95·26	−95·44	−95·62

APPENDIX I—*continued*

Conversion table—degrees Celsius to degrees Fahrenheit

°C	·0	·1	·2	·3	·4	·5	·6	·7	·8	·9
					degrees Fahrenheit					
−71	−95·80	−95·98	−96·16	−96·34	−96·52	−96·70	−96·88	−97·06	−97·24	−97·42
−72	−97·60	−97·78	−97·96	−98·14	−98·32	−98·50	−98·68	−98·86	−99·04	−99·22
−73	−99·40	−99·58	−99·76	−99·94	−100·12	−100·30	−100·48	−100·66	−100·84	−101·02
−74	−101·20	−101·38	−101·56	−101·74	−101·92	−102·10	−102·28	−102·46	−102·64	−102·82
−75	−103·00	−103·18	−103·36	−103·54	−103·72	−103·90	−104·08	−104·26	−104·44	−104·62
−76	−104·80	−104·98	−105·16	−105·34	−105·52	−105·70	−105·88	−106·06	−106·24	−106·42
−77	−106·60	−106·78	−106·96	−107·14	−107·32	−107·50	−107·68	−107·86	−108·04	−108·22
−78	−108·40	−108·58	−108·76	−108·94	−109·12	−109·30	−109·48	−109·66	−109·84	−110·02
−79	−110·20	−110·38	−110·56	−110·74	−110·92	−111·10	−111·28	−111·46	−111·64	−111·82
−80	−112·00	−112·18	−112·36	−112·54	−112·72	−112·90	−113·08	−113·26	−113·44	−113·62
−81	−113·80	−113·98	−114·16	−114·34	−114·52	−114·70	−114·88	−115·06	−115·24	−115·42
−82	−115·60	−115·78	−115·96	−116·14	−116·32	−116·50	−116·68	−116·86	−117·04	−117·22
−83	−117·40	−117·58	−117·76	−117·94	−118·12	−118·30	−118·48	−118·66	−118·84	−119·02
−84	−119·20	−119·38	−119·56	−119·74	−119·92	−120·10	−120·28	−120·46	−120·64	−120·82
−85	−121·00	−121·18	−121·36	−121·54	−121·72	−121·90	−122·08	−122·26	−122·44	−122·62
−86	−122·80	−122·98	−123·16	−123·34	−123·52	−123·70	−123·88	−124·06	−124·24	−124·42
−87	−124·60	−124·78	−124·96	−125·14	−125·32	−125·50	−125·68	−125·86	−126·04	−126·22
−88	−126·40	−126·58	−126·76	−126·94	−127·12	−127·30	−127·48	−127·66	−127·84	−128·02
−89	−128·20	−128·38	−128·56	−128·74	−128·92	−129·10	−129·28	−129·46	−129·64	−129·82
−90	−130·00	−130·18	−130·36	−130·54	−130·72	−130·90	−131·08	−131·26	−131·44	−131·62

Differences in degrees Celsius to differences in degrees Fahrenheit

deg C	·0	·1	·2	·3	·4	·5	·6	·7	·8	·9
					degrees Fahrenheit					
0	0·00	0·18	0·36	0·54	0·72	0·90	1·08	1·26	1·44	1·62
1	1·80	1·98	2·16	2·34	2·52	2·70	2·88	3·06	3·24	3·42
2	3·60	3·78	3·96	4·14	4·32	4·50	4·68	4·86	5·04	5·22
3	5·40	5·58	5·76	5·94	6·12	6·30	6·48	6·66	6·84	7·02
4	7·20	7·38	7·56	7·74	7·92	8·10	8·28	8·46	8·64	8·82
5	9·00	9·18	9·36	9·54	9·72	9·90	10·08	10·26	10·44	10·62
6	10·80	10·98	11·16	11·34	11·52	11·70	11·88	12·06	12·24	12·42
7	12·60	12·78	12·96	13·14	13·32	13·50	13·68	13·86	14·04	14·22
8	14·40	14·58	14·76	14·94	15·12	15·30	15·48	15·66	15·84	16·02
9	16·20	16·38	16·56	16·74	16·92	17·10	17·28	17·46	17·64	17·82

APPENDIX II

Conversion table—millimetres to inches

Millimetres	0	1	2	3	4	5	6	7	8	9
					inches					
0	0·00	0·04	0·08	0·12	0·16	0·20	0·24	0·28	0·31	0·35
10	0·39	0·43	0·47	0·51	0·55	0·59	0·63	0·67	0·71	0·75
20	0·79	0·83	0·87	0·91	0·94	0·98	1·02	1·06	1·10	1·14
30	1·18	1·22	1·26	1·30	1·34	1·38	1·42	1·46	1·50	1·54
40	1·57	1·61	1·65	1·69	1·73	1·77	1·81	1·85	1·89	1·93
50	1·97	2·01	2·05	2·09	2·13	2·17	2·20	2·24	2·28	2·32
60	2·36	2·40	2·44	2·48	2·52	2·56	2·60	2·64	2·68	2·72
70	2·76	2·80	2·83	2·87	2·91	2·95	2·99	3·03	3·07	3·11
80	3·15	3·19	3·23	3·27	3·31	3·35	3·39	3·43	3·46	3·50
90	3·54	3·58	3·62	3·66	3·70	3·74	3·78	3·82	3·86	3·90

Millimetres	0	10	20	30	40	50	60	70	80	90
					inches					
100	3·94	4·33	4·72	5·12	5·51	5·91	6·30	6·69	7·09	7·48
200	7·87	8·27	8·66	9·06	9·45	9·84	10·24	10·63	11·02	11·42
300	11·81	12·20	12·60	12·99	13·39	13·78	14·17	14·57	14·96	15·35
400	15·75	16·14	16·53	16·93	17·32	17·72	18·11	18·50	18·90	19·29
500	19·69	20·08	20·47	20·87	21·26	21·65	22·05	22·44	22·83	23·23
600	23·62	24·02	24·41	24·80	25·20	25·59	25·98	26·38	26·77	27·17
700	27·56	27·95	28·35	28·74	29·13	29·53	29·92	30·31	30·71	31·10
800	31·50	31·89	32·28	32·68	33·07	33·46	33·86	34·25	34·65	35·04
900	35·43	35·83	36·22	36·61	37·01	37·40	37·79	38·19	38·58	38·98
1000	39·37	39·76	40·16	40·55	40·94	41·34	41·73	42·13	42·52	42·91

Millimetres	0	100	200	300	400	500	600	700	800	900
					inches					
1 000	39·37	43·31	47·24	51·18	55·12	59·05	62·99	66·93	70·87	74·80
2 000	78·74	82·68	86·61	90·55	94·49	98·43	102·36	106·30	110·24	114·17
3 000	118·11	122·05	125·98	129·92	133·86	137·79	141·73	145·67	149·61	153·54
4 000	157·48	161·42	165·35	169·29	173·23	177·17	181·10	185·04	188·98	192·91
5 000	196·85	200·79	204·72	208·66	212·60	216·54	220·47	224·41	228·35	232·28
6 000	236·22	240·16	244·09	248·03	251·97	255·91	259·84	263·78	267·72	271·65
7 000	275·59	279·53	283·46	287·40	291·34	295·28	299·21	303·15	307·09	311·02
8 000	314·96	318·90	322·83	326·77	330·71	334·64	338·58	342·52	346·46	350·39
9 000	354·33	358·27	362·20	366·14	370·08	374·02	377·95	381·89	385·83	389·76
10 000	393·70	397·64	401·57	405·51	409·45	413·39	417·32	421·26	425·20	429·13

APPENDIX III

Conversion table—metres to feet

Metres	0	1	2	3	4	5	6	7	8	9
					feet					
0	0·0	3·3	6·6	9·8	13·1	16·4	19·7	23·0	26·3	29·5
10	32·8	36·1	39·4	42·7	45·9	49·2	52·5	55·8	59·1	62·3
20	65·6	68·9	72·2	75·5	78·7	82·0	85·3	88·6	91·9	95·1
30	98·4	101·7	105·0	108·3	111·5	114·8	118·1	121·4	124·7	127·9
40	131·2	134·5	137·8	141·1	144·4	147·6	150·9	154·2	157·5	160·8
50	164·0	167·3	170·6	173·9	177·2	180·5	183·7	187·0	190·3	193·6
60	196·9	200·1	203·4	206·7	210·0	213·3	216·5	219·8	223·1	226·4
70	229·7	232·9	236·2	239·5	242·8	246·1	249·3	252·6	255·9	259·2
80	262·5	265·7	269·0	272·3	275·6	278·9	282·1	285·4	288·7	292·0
90	295·3	298·6	301·8	305·1	308·4	311·7	315·0	318·2	321·5	324·8

Metres	0	10	20	30	40	50	60	70	80	90
					feet					
100	328·1	360·9	393·7	426·5	459·3	492·1	524·9	557·7	590·5	623·4
200	656·2	689·0	721·8	754·6	787·4	820·2	853·0	885·8	918·6	951·4
300	984·3	1017·1	1049·9	1082·7	1115·5	1148·3	1181·1	1213·9	1246·7	1279·5
400	1312·3	1345·1	1377·9	1410·8	1443·6	1476·4	1509·2	1542·0	1574·8	1607·6
500	1640·4	1673·2	1706·0	1738·8	1771·6	1804·5	1837·3	1870·1	1902·9	1935·7
600	1968·5	2001·3	2034·1	2066·9	2099·7	2132·5	2165·3	2198·2	2231·0	2263·8
700	2296·6	2329·4	2362·2	2395·0	2427·8	2460·6	2493·4	2526·2	2559·0	2591·9
800	2624·7	2657·5	2690·3	2723·1	2755·9	2788·7	2821·5	2854·3	2887·1	2919·9
900	2952·7	2985·6	3018·4	3051·2	3084·0	3116·8	3149·6	3182·4	3215·2	3248·0
1000	3280·8	3313·6	3346·4	3379·3	3412·1	3444·9	3477·7	3510·5	3543·3	3576·1

Metres	0	100	200	300	400	500	600	700	800	900
					feet					
1000	3 280·8	3 608·9	3 937·0	4 265·1	4 593·2	4 921·2	5 249·3	5 577·4	5 905·5	6 233·6
2000	6 561·7	6 889·7	7 217·8	7 545·9	7 874·0	8 202·1	8 530·2	8 858·2	9 186·3	9 514·4
3000	9 842·5	10 170·6	10 498·7	10 826·7	11 154·8	11 482·9	11 811·0	12 139·1	12 467·2	12 795·2
4000	13 123·3	13 451·4	13 779·5	14 107·6	14 435·7	14 763·7	15 091·8	15 419·9	15 748·0	16 076·1
5000	16 404·2	16 732·3	17 060·4	17 388·5	17 716·5	18 044·6	18 372·7	18 700·8	19 028·9	19 357·0

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